20 25 4

Seq. ID No.	Decoder (5'-3')
17	GGCTGGTTCGGCCCGAAAGCTTAG
18	GTTCCCAGTGAAGCTGCGATCTGG
19	TACTTGGCATGGAATCCCTTACGC
20	ACTAGCATATTTCAGGGCACCGGC
21	GAACGGTCAATGAACCCGCTGTGA
22	GCGGCCTTGGTTCAATATGAATCG
23	GATCGTTAGAGGGACCTTGCCCGA
24	TGGACCTAGTCCGGCAGTGACGAA
25	ATAAACTACCCAGGACGGGCGGAA
26	CATCGGTTCGCGCCAATCCAGATA
27	GTCGGGCATAGAGCCGACCACCCT
28	CTTGGGTCATGATTCACCGTGCTA
29	TGCCTAACGTGCTAATCAGCAGCG
30	CGCATGTTGGAGCATATGCCCTGA
31	AGCCACTGCATCAGTGCTGTTCAA
32	GGTTGTTTTGAGGCGTCCCACACT
33	TCGACCAAGAGCAAGGGCGGACCA
34	GACATCGCTATTGCGCATGGATCA
35	GAAATACGAAGTCTGCGGGAGTCG
36	TGTCATGAATGATTGATCGCGCGA
37	ATATCGGGATTCGTTCCCGGTGAA
38	GCGAGCGTACCGAAGGGCCTAGAA
39	TTACCGGCAGCGGACTTCCGAATT
40	GTAATCGAGAGCTGCGCGCCGTCT
41	TCCCTGAGGTCGGAAGCTTCCGAC
42	CCTGTTAGCGTAGGCGAGTCGATC
43	TAGCGGACCGGCAGAATGAGTTCC
44	GGTACATGCACTACGCGCACTCGG
45	AATTCATCTCGGACTCCCGCGGTA
46	GCCAAATCTGGATTGGCAGGAATG
47	TGCATTTTCGGTTGAGGCACATCC
48	CCGCTCAATTCACCATGCTTCGCT
49	CTCGGAAAGGTGCAACTTTGGTGT
50	AATTCGACCAGCAGAACGTCCCAT
51	GCCAGAGTCTCAACCTCACGGGAT
52	CCAACAACTGGAACGGGAACCCGC
53	GAGAACTGATCGCTGAGGGGCATG
54	GGCACACTAGACTTGTGGCACCGA

55	CTTGGGCAAACGCTTCAGCCACAA
56	TCACATCCAAATATGGTCCGCGAA
57	GTCTGCCGGTGTGACCGCTTCATT
58	CATCGCAGAGCATAAACACCCTCA
59	GTTGGTATCTATGGCAGAGGCGGA
60	ACGAGGTGCCGCTGAGGTTCCATT
61	GGAATGAGTGGACCCAGGCACATT
62	TGTCAATATGCGTCCGTGTCGTCT
63	TGATGAGCCTCAGGGTACGAGGCA
64	CACCGCGGTGTTCCTACAGAATGA
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66	TTAACCTGCGTCTGCCCCTTTCCT
67	AGGCGCGTTCCTGCCTTAGTGACG
68	TAGGGCGATGGCACGAAGCTTCAA
69	TGCATAGAGCCAAAGTCGGCGATG
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82	TTGTATGTCTGCCGACCGGCGACC
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84	ATGAGAATCGCCGGCAATCTGCTA
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106	AGGCCAATCGATCTTATTGCCGAG
107	CCTTCCAATGATTGCATACGCCCA
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120 A	ATCGACCTCCGCACACATTCGCA
121	GAGTCAGCATGGCGGCGGAGATTC
122 A	AGATAAAGACGCTGGCAACACGGG
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124 A	AGCGATGGCTACCCAAGAGCGAT
125 A	AGAGCTTATGCAGAACCAGGCGCC
126 A	ATCGGTCTCACGCAGGGTTGGATA
127 T	AGGTTGCCCGCCAGAAGAAACAT
128 C	CGGTGCTGTTGCAAAAGCCTGTAG
129 T	GATGAAAGTTTGCGGCAGGACAC
130 G	STTGAGTGCAGGATGCAGCGATAG
131 A	ACATTGCGCGGTCCACCAGGGTT
132 G	GGCAGTTAGAGAGGGCCAGAAGT
133 T	CGAGCTGGTCCCCGTGAACGTGT
134 G	STCTTGGGGGCCGCTTAGTGAAAA
135 A	CTGTTGGCTTGCTCATGTCCA
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142	GGAACAGAGGCGAGGGACTGAGC
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181	TCATAAGCGACAATCGCGGGCTTA
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183	TGTCAGAGCCCGCGACTCAGACGG
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187	AGGCGTGCAGCAACAGGATAAACC
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265 TGTGCCTCATCCTTAGGATACGGC 266 AGGTGGTGTGGGTCAACCGCTTTA 267 CTGGATCGAAGGGACTGCAAGCTC 268 TAGATCAACTCGCGTACGCATGGA 269 GATCCTGCGGAGAAGAGAGAGTGCAG 270 TACGTGTGGAGATGCACCG 271 GCGCTATGCAATCGTGGGCGTAG 272 AGCGAGGTTTCAACCGTGGACACC 273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGGACAC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCTCGCAGTCA 279 GATGGCTGAGACCGCTCACTCCTTGCACACC 279 GATGGCTGAGACCCGTCACTCCTTGA 280 TCGACGTTAGGAGTCTCCAGAC 281 CGAATGGGTTAGACACTCGAACAC 282 GTGCACCAGACATTCGACATCCAT 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGACCTTGCATAG 285 AGAGGCCCCGTATATCCCATCCAT 286 AGTCCGTTTCAGACCTTGCATCAC 287 ATGTCCCATGTAGACCTTGCACTCCAT 288 AAGGCTCAACACGCCTATGTGCCC 287 ATGTCCCATGTAAGACACCCTATGCCC 287 ATGTCCCATGTAAAGACCGTGTGC 288 ATGGAGTCTGCCAACATTGCACCCCAAAGG 289 CGGCCTCCAACAAGGACCATTACCCATCCAT 280 TCGAAGTAGACACGCCTATGTGCAC 291 TCATTTGAATGAAGACACCTGAC 292 GACGTACCAGGAACATTTGCAGCC 293 ATGCGAGCATGGAACATTGCAGCC 294 AGAGCCCTGAACAATTGCACCCCCAAAGG 295 CGCCCTCAACAAGGACCACTAAC 290 CAGAGCCCTGAACAATTGCAACC 291 TCATTTGAATGAAGACCCCTAACA 292 GACGTACCGGAACATTTCCCACCC 293 ATGCGAGCAATGGGATCCCGG 294 AGAGTCAGGAACATTGCCACCC 295 CGCACCGTAAGTAAAAAAACCTGGGATTC 296 AGGTATCCGGAACATTGCCCCC 297 TGAACCTTTTGAGCACCACTTCC 297 TGAACCTTTTTGAGCACCTTACCCCC 298 TCCGCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT		
267 CTGGATCGAAGGGACTGCAAGCTC 268 TAGATCAACTCGCGTACGCATGGA 269 GATCCTGCGGAGAAGAGAGTGCAG 270 TACGTGTGGAGATGCCCGAACCG 271 GCGCTATGTCAATCGTGGGCGTAG 272 AGCGAGGTTTCTAGCGTCGACACC 273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCGCCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCAGTCA 279 GATGGCAGACCC 280 TCGACGTAGACACCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCG 285 AAGGCTCAACACGCCTATGTGCC 286 AGTCCGTTTCAGAGCATTAGCCC 287 ATGTCCCATGTAAAGACCGGTTG 288 ATGAGGTCTGCCAGAACCGCCTATAGCC 290 CAGAGCCGTGCAACACCGCTATACC 291 TCATTTGAATGAGGTCCGCAAACC 292 GACGTACCGGAACCCGG 293 TCATTTGAAGACCCGGATTC 294 AGAGTCGGCAACATTGCACCC 295 CGCACCGTAGTACCCACCC 296 AGGTACCGGAAGCGCCTATCAC 297 TGAACCTTTGAGAGCATTCCCATCCAT 294 AGAGTGAGCCCTCCTGACCAGTG 295 CGCACCGTAAGATTGCCCCC 296 AGGGTACCGGAACATTGCCCCC 297 TGAACCTTTTGAGAGCATTCCCACCCC 298 TCCGCCTTTTTTGGTTCCCGC 298 TCCGCCTTTTTTGGTTCCCGC 299 GAACGCAACAGGACCCTTACC 299 GAACGCAACAGGACCCTTACC 299 TGAACCTTTGAGACCTCCTGACCAGTG 299 GAACGCCAACAGCACCTCCCCCAAAG 299 GAACGCCAACAGCACCTCCCCAACAG 299 GAACGCCAACAGCACCTCCCCCAACG 299 GAACGCCAACAGCACCTCCCCAACAG 299 GAACGCCAACAGCACCTCCCCAACAG 299 GAACGCCAACAGCCCAACACCCCCAAGG 301 TTGTACACCTGGGCCACCAAGG 302 CATAAAAAAACCCTGGGCCTCTCCCAACAACACCGCCTCATACAACACACCCCAACAACAACACCCCCAACAACA	265	TGTGCCTCATCCTTAGGATACGGC
TAGATCAACTCGCGTACGCATGGA 269 GATCCTGCGGAGAAGAGAGTGCAG 270 TACGTGTGGAGATGCCCCGAACCG 271 GCGCTATGTCAATCGTGGGCGTAG 272 AGCGAGGTTTCTAGCGTCGACACC 273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCGTATATCCCATCAT 284 AACGCCTGTTCAGAGCACTCGGA 285 AAGGCTCAACACGCCTAGCACA 286 AGTCCGTTTCAGAGCATCAGAC 287 ATGTCCCATTCACACCCGCTAGACACACACACACACACAC	266	AGGTGGTGGGTCAACCGCTTTA
269 GATCCTGCGGAGAAGAGAGTGCAG 270 TACGTGTGGAGATGCCCCGAACCG 271 GCGCTATGTCAATCGTGGGCGTAG 272 AGCGAGGTTTCTAGCGTCGACACC 273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTCTCCAGAC 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACACTCGACCAGAA 283 AGAGGCCCCGTATTCCCATCAT 284 AACGCCTGTTCAGACCTCGA 285 AAGGCTCAACACCGCTAGACACCAGA 286 AGTCCGTTTCAGAGCATCAGCACCAGA 287 ATGTCCCATGTTCAGAGCATCAGAC 288 AGAGGCCCCGTATATCCCATCAT 284 AACGCCTGTTCAGAGCATCAGCG 285 AAGGCTCAACACGCCTATGTGCCC 286 AGTCCGTGTTGCACCCCAAAGG 289 CGGCCTCCAACAAGACCCCGTGTG 288 ATGCCATGTAAGACCCGTGTG 289 CGGCCTCCAACAAGAGACCACTAAC 290 CAGAGCCGTGGCAACATTGCAGC 291 TCATTTGAATGAGGTGCGCACCAGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCCAGAAGAGCGCCGTATAAA 293 ATGCCAGAAGAGCGCCGTATAAA 294 AGAGTGAGCACTCCGAACACCGG 295 CGCACCGTAAGTAGATTGCCCCCAAGG 296 AGGGTATCGGAGCCCCCAAGG 297 TGAACCTTTGAGCACCCCCCAAGG 298 TCCGCCTTTTTGGTTACCTCGAAC 299 GAACGCCAACGGCCCCCCAAGG 299 GAACGCCAACGGCCCCCCAAGG 301 TTGTACACCTGGGGCCACCAGG 302 CATAAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGCTTTA 304 GGCGAAAGAGCGCAACACCG	267	CTGGATCGAAGGGACTGCAAGCTC
270 TACGTGTGGAGATGCCCCGAACCG 271 GCGCTATGTCAATCGTGGGCGTAG 272 AGCGAGGTTTCTAGCGTCGACACC 273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTCCGGATTC 292 GACGTACCGGAACGGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGCCAAGGCCCAGGGCTTACC <	268	TAGATCAACTCGCGTACGCATGGA
271 GCGCTATGTCAATCGTGGGCGTAG 272 AGCGAGGTTTCTAGCGTCGACACC 273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTCTGCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACAGAGGACCTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTCCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGCCTCCTGACCAGTG 295 CGCACCGTAAGTAGATTTC 296 AGGGTATCGGACCAGGCCTAACACTC <td>269</td> <td>GATCCTGCGGAGAAGAGAGTGCAG</td>	269	GATCCTGCGGAGAAGAGAGTGCAG
272 AGCGAGGTTTCTAGCGTCGACACC 273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTTTCACAGCCTATGTGCGC 286 AGTCCCTTTCACAGCCTATGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGACCTTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGACC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAACGGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGCCAACGGCCTTACC 295 CGCACCGTAAGACGTCCTCGAG	270	TACGTGTGGAGATGCCCCGAACCG
273 CGATGAAGACAGGTTTGCTGTTGC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGCAGTTTGCCAGATTGGCTCG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCTGGCAACATTGCAACC 291 TCATTTGATTGAGAGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGCCAAGGGCCTTACC 295 CGCACCGTAAGATTTGCCGC 296 AGGGTATCGGACCAGGCCTTACC 297 TGAACCTTTGGTACCTCGAAG	271	GCGCTATGTCAATCGTGGGCGTAG
274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCAT 284 AACGCCTGTTCAGAGCATCAGCG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCAACACGCCTATGCAGC 290 CAGAGCCGTGTGCAACACGCCAAAGG 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAACACTCGGATTC 294 AGAGTGAGCACTCCGGCCAACGC 295 CGCACCGTAGTGGATTCCCGCCAACGC 296 AGGTATCGGAGCCTCCTGACCAGTG 297 TGAACCTTTGGAGCCTCCCGCCAACGC 298 TCCGCCTTTTTGGTTCCCGC 298 TCCGCCTTTTTGGTTCCCGC 300 CCGACAGCACGCCAACGC 301 TTGTACACCTGGGCCACCAGG 302 CATAAAAAAACCTGGGGCTCCCAG 303 TGCCAACTGTGCAGCCCAACGG 304 GGCGAACACTTGCAGCCCAACGC 305 GGGATGCGAACACCGGCTTCCCAGCACCGCCCCCCAACGCCCCCCCAACGCCCCCCCC	272	AGCGAGGTTTCTAGCGTCGACACC
275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTGCAGAGA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCAT 284 AACGCCTGTTCAGAGCATCAGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTGCACAGAG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCACACACGCCTATGTGCGC 289 CGGCCTCCAACAAGGACACTAAC 290 CAGAGCCGTGGCAACACTTGCAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAACACTTGCGACC 293 ATGCGAGCAATGGGATCCGATTC 294 AGAGTGAGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCTCCCTGACCAGTG 297 TGAACCTTTGGAGCCCGAAGG 299 GAACGCCACAGGACCTCCCCGAAGG 299 GAACGCCAACGGCCAACACCGCCCAAGG 299 GAACGCCAACGGCCAACACCGCCCAAGG 299 GAACGCCAACAGGACCCCCCCCCCCCCCCCCCCCCCC	273	CGATGAAGACAGGTTTGCTGTTGC
276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCAGAGTTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAACACTCCGGC 293 ATGCGAGCAATGGGATCCCGCCAACAG 294 AGAGTGAGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCTCCCTGACCAGTG 297 TGAACCTTTGAGCACGTCGCCCAAGG 299 GACGCCAACGGCCAACAGCGCCCGCCCAAGGCCCCGCCCCCC	274	ACCCAGGTTTTGCCGTTGTGGAAT
277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCAGAGTTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCACACACGCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGGGCCCGTATAAA 293 ATGCGAGCATGGGATCCGGATTC 294 AGAGTGAGGCCTCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGGCC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACCCGG 301 TTGTACACCTGGGCCACAGGG 302 CATAAAAAAACCTGGGGCTCTCCGG 303 TGCCAACTGTGCAGACCGCTTACCGGCCAACACCGGCCCACACGGCCTTACCCCCAGGGCCCACCACGGCCCCACACACCGCCCACACACCCCCAGGGCCCCCC	275	CCCTGTTAACGGCTGCGTAGTCTC
278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCAGAGTTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCACACACGCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCATTGGATC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACCCGG 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACCAGG 302 CATAAAAAAACCTGGGGCTCTCCG 303 TGCCAACTGTGCAGACCGCTCTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	276	AGGCCGATTTCACCCGCCAATTGC
279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACTC 300 CCGACAGCAACGGCACTAACACTC 301 TTGTACACCTGGGGCTCCCAG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGCTTTA 304 GGCGAAAGAGCGAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	277	GAGCCCTCACTCCTTGCCCTTTGA
280 TCGACGTTAGGAGTGCTGCCAGAA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCTTACC 297 TGAACCTTTGAGCACGTCGTGCC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTACACACTC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACCAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGCTTTA 304 GGCGAAAGAGCGAACCGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	278	GGGTGGACATCCGCCTCGCAGTCA
281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCCGCCCCCCCCCCCCCCCCCCCCCCC	279	GATGGCTGAGAACCGTGCTACGAT
282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCACAGGGCTCTCCAG 301 TTGTACACCTGGGCCACCAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	280	TCGACGTTAGGAGTGCTGCCAGAA
AGAGGCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACCAGG 302 CATAAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	281	CGAATGGGTCTGGACCTTGCATAG
284 AACGCCTGTTCAGAGCATCAGCGG 285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGCACTAA 304 GGCGAAAGAGCGAACCGCTCGTT 305 GGGATGCGTATTTTAGCGAACACCG	282	GTGCACCAGACATTCGAACTCGGA
285 AAGGCTCAACACGCCTATGTGCGC 286 AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGCCTCGT 304 GGCGAAAGAGCGAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	283	AGAGGCCCGTATATCCCATCCAT
AGTCCGTGTTGCCAGATTGGCTCG 287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTACACACTC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGCCTCGT	284	AACGCCTGTTCAGAGCATCAGCGG
287 ATGTCCCATGTAAAGACGCGTGTG 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACCAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGCTTAA 304 GGCGAAAGAGCGAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	285	AAGGCTCAACACGCCTATGTGCGC
288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACCAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGCACTAACACATC 304 GGCGAAAGAGCGAACCGGCTCGT	286	AGTCCGTGTTGCCAGATTGGCTCG
289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCTCGTGCG 304 GGCGAAAGAGCGAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	287	ATGTCCCATGTAAAGACGCGTGTG
290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGACTAA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACCG	288	ATGGAGTCTGCTCACGCCCAAAGG
291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCTCAG 304 GGCGAAAGAGCGAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACAC	289	CGGCCTCCAACAAGGAGCACTAAC
292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGCTCGT 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACAC	290	CAGAGCCGTGGCAACATTGCGAGC
293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGACTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	291	TCATTTGAATGAGGTGCGCACCGG
294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	292	GACGTACCGGAAGCGCCGTATAAA
295 CGCACCGTAAGTAGATTTGCCCGC 296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	293	ATGCGAGCAATGGGATCCGGATTC
296 AGGGTATCGGAGCCAGGGCTTACC 297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	294	AGAGTGAGGCCTCCCTGACCAGTG
297 TGAACCTTTGAGCACGTCGTGCGC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACAGAG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	295	CGCACCGTAAGTAGATTTGCCCGC
298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	296	AGGGTATCGGAGCCAGGGCTTACC
299 GAACGCCAACGGCACTAACACATC 300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	297	TGAACCTTTGAGCACGTCGTGCGC
300 CCGACAGCAGCCAAGACGTCCCAG 301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	298	TCCGCCTTTTTGGTTACCTCGAAG
301 TTGTACACCTGGGCCACGCACAGG 302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	299	GAACGCCAACGGCACTAACACATC
302 CATAAAAAAACCTGGGGCTCTGCG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	300	CCGACAGCCAAGACGTCCCAG
303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	301	TTGTACACCTGGGCCACGCACAGG
304 GGCGAAAGAGCGAAACCGGCTCGT 305 GGGATGCGTATTTTAGCGAACACG	302	CATAAAAAACCTGGGGCTCTGCG
305 GGGATGCGTATTTTAGCGAACACG	303	TGCCAACTGTGCAGACCGGACTTA
	304	GGCGAAAGAGCGAAACCGGCTCGT
306 TGGGATTCAGCGACCAGTACGCGA	305	GGGATGCGTATTTTAGCGAACACG
	306	TGGGATTCAGCGACCAGTACGCGA

307	CCCGATATTCGCCCGGCCTATTCG
308	CGAGAAGATGCCTCACGCAACCAA
309	AACCTTGACCCGTGGATGACGCTA
310	GGCTAGACGATGGATACCCGTGCC
311	GCCTCTTCTCGACGATGCGATTTT
312	GCTTCCGGATGAACGGGATGGTTG
313	CCCTCCATGTTCTTCGAACGGTTT
314	TTGATGGGCGGCAATGCTCTTGCT
315	ATTGTGAGATGCGCCAAATTCCCC
316	TCAGCACAGCCAGACGGTCAACTT
317	ACTCCACTCCTCGGTGGCAAACTA
318	TCTGGGCATGCCTGGACGGAGACG
319	TCTCAACTCCGGTACGACGAAACA
320	TTGCGTGGTCAAAGGCGCAACGTG
321	AGACAGCGATCCGCGGCTCATGAT
322	CGCGTCTCTAACTGAGAGCAGCCA
323	AGGCGCACATGTACGGACATTCAG
324	GATGAGTGGCACGTCGGTGTGTAA
325	TGATCCATATTGTCGGACGTTGCG
326	ACCTGCCGGGAGTTCATAGGCTAG
327	AGCATTGGCGTTTTTCCGCAACGA
328	GGTAATATTCAGCGCGACCGCTCA
329	ATAGCGTACGACGAGGTGACGCGC
330	GGGTGAGGGAAAGAGCACCTGCCT
331	TAGGTCACGATGCGTTTGACGCTA
332	ACTGCCCGTACCTCTGGTTCTGGC
333	CAAAAATCGGGTGAACATTGGCTG
334	CCTTTGGCCTGAAGTTGTCGTAGC
335	GTGCCCACGAGCGTATCGTTGTA
336	AGGCGCTACGTGGGCCTGGAGCAA
337	GGGTGCTACCATTGCATTAGTCCG
338	ACCACGCGCGTACGTGTAACCGAG
339	CCATGATGCATTGGGTGCATTTAG
340	GGTCCGGCCCTACGAAACGTTCGA
341	CCGTGTGGCTGGAGATTCGTGTGA
342	GTTAGGGCGACGCATATTGGCACA
343	GGGTCAGTCAGGTGCGTTAGGATC
344	GCCGTGAAGTCGAATGCAGATCGA
345	GCCACCACCAGTGCATTCAGGTA
346	GAGCTTAGTTTGCGGTCATCGGGC
347	TGTTTGCCGCCATTAGGGAGTAAC
348	GCTCCGCTGGATGTGCCGGTTTAG

349 CGGTAGCATGCGAGATCCCTGTTA 350 CTACGCTCTACCAGTTGCCTGCGA 351 GTGCCTCCTGCTGTATTTGCCAAG 352 TTGCGACTCGACTTGGACGAGTAG 353 TCTGGGAGCTGTTTACTCAT 354 TGCACGCGGAACTCCCTTTACCAT 355 TGGCAGCAAATGAATCGAAAGCAC 356 AACTGGTGACGCGGTACAGCGAAG 357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACCTCCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAAGTTGGCTTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGCGCAGAATATT 373 GGATAGAGTGAATCGACAGGAGAAC <th></th> <th></th>		
351 GTGCCTCCTGCTGTATTTGCCAAG 352 TTGCGACTCGACTTGGACGAGTAG 353 TCTGGGAGCTGTTTACTCCAGCCA 354 TGCACGCGGAACTCCCTTTACCAT 355 TGGCAGCAAATGAATCGAAAGCAC 356 AACTGGTGACGCGGTACAGCGAAG 357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAC 363 CCTGTTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAAGTTGGCCTCGTTTTGTA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGCTCCTCTGAGGCGAACAAC 373 GGATAGATGCCCTCTTGAGCGAACAAC 374 TGCACCGAACGTGCACGAGTAAT 375 GCCAGTTACCTAGAGCAGCAACAC <	349	CGGTAGCATGCGAGATCCCTGTTA
352 TTGCGACTCGACTTGGACGAGTAG 353 TCTGGGAGCTGTTTACTCCAGCCA 354 TGCACGCGGAACTCCCTTTACCAT 355 TGGCAGCAAATGAATCGAAAGCAC 356 AACTGGTGACGCGGTACAGCGAAG 357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTAA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGACA 372 TGGGCTCCTCTCTGAGCCGAGATAGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAAT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC	350	CTACGCTCTACCAGTTGCCTGCGA
353 TCTGGGAGCTGTTTACTCCAGCCA 354 TGCACGCGGAACTCCCTTTACCAT 355 TGGCAGCAAATGAATCGAAAGCAC 356 AACTGGTGACGCGGTACAGCGAAG 357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTAA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGACA 372 TGGGCTCCTCTGAGCCGGAACA 373 GGATAGAGTGAATTGTGGAGAACA 374 TGCACCGAACGTGCACGAGTAAT 375 GCCAGTATTCTCGGGTGTTGGACA 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACAGACGAGCAGTCAGT <td>351</td> <td>GTGCCTCCTGCTGTATTTGCCAAG</td>	351	GTGCCTCCTGCTGTATTTGCCAAG
354 TGCAGGGGAACTCCCTTTACCAT 355 TGGCAGCAAATGAATCGAAAGCAC 356 AACTGGTGACGCGGTACAGCGAAG 357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGGCTTAGTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATAGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGAC 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATCCCAGCGCCCTTGGACTAC 378 CGCGTCCCAGCGCCCTTGGAACCATG <	352	TTGCGACTCGACTTGGACGAGTAG
355 TGGCAGCAAATGAATCGAAAGCAC 356 AACTGGTGACGCGTACAGCGAAG 357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATAGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAACCATG 380 CCAGACAGATGGCCTGGAACCATG	353	TCTGGGAGCTGTTTACTCCAGCCA
356 AACTGGTGACGCGGTACAGCGAAG 357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGACAGCCGTCG 358 ATGCCCTCCTTCATGGACAGCGCTCG 358 ATGCCCTCCTTCATGGACAGGGTT 359 ATTCTCGGAGGGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCCGCTTAGG 364 CGGAATGATGCCACACACGCT 365 TGAGAGAGGGGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACAGCTAAT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTGAGCACGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCTGAGGTAAT 382 CCGCATGGGAACCATCCAGAGAGATAT 384 ATTACGGTCGTGACCAGAAAGCG 385 TGCGAGGTGACCATCCAGAAAGCG 386 GGCCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTTGGACGAAAGCG 388 TAGGCATGTTGGGCGTAATC 387 CCTCGGATGTGGGCTCAGCTAG 388 TAGGCATGTTGGGCGTAAT 389 CGATACGAACGAGGATGCCCTT	354	TGCACGCGGAACTCCCTTTACCAT
357 AGACGATTACGCTGGACGCCGTCG 358 ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCCTCACAGCGCT 365 TGAGAGAGGGCTTAAGGCAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACACAC 375 GCCAGTATTCTCGGGTTTGGACG 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTGAGCACGGCCATAC 377 TGGCATTGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGCCATC 381 TGGCGTGGGACCATCGT 382 CCCACTGGGAACCATCCAGGT 383 GCCCACTCTCAAGCTGAACCAGTAAT 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGACCATCCTCCAAAGCTA 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTTGGAGGACAGAGAGAGAGAGAGAGAGAGAG	355	TGGCAGCAAATGAATCGAAAGCAC
ATGCCCTCCTTCATGGAAAGGGTT 359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGGTTGGTTAAGGCAA 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATAGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACAACGC 375 CCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTGCGGTGCAGAGTAAT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCAACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCTAAAGCTA 382 CCGCATGGGAACCATGCAAGGTAAT 384 ATTACGGTCGTAACCAGAGTAAT 385 TGCGAGGTGAACCATCCAGAAAGCG 386 GGCCCCATTCTTGATGCCAGAAAGCG 387 CCTCGGATGTTCTGATGTCCATCC 387 CCTCGGATGTGGACCATCCAGAAAGCG 388 TAGGCATGTTGGGGCCCTTAG 388 TAGGCATGTTGGGGCCCTTAG 388 TAGGCATGTTGGGGGCCCTTAG 389 CGATACGAACGAGGATGCCCTAGCAGGAGAGAGAGAGAGA	356	AACTGGTGACGCGGTACAGCGAAG
359 ATTCTCGGAGCGTATGCGCCAGAA 360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTAAGGCAA 366 AAGCAGGCGAAGCGAGC 367 TCACGACAGAGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACCGCAAC 375 GCCAGTATTCTCGGGTGTTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCATAC 378 CGCGTCCCAGCGCCCTTTGAGTAAC 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGTGGCCTTCGAACCATG 381 TGGCGTGGGACCATCCTAAAGCTA 382 CCCCACTCGTCAGCTGAACCATG 383 GCCCACTCGTCAGCTGAACCATG 384 ATTACGGTGGAACCATGC 385 TGCGAGGTGAACCATCCAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGAGCACCATCCAGAAAGCG 388 TAGGCATGTGGGCCTTAGAGCACCATG 388 TAGGCATGTGGGCCTAAC 388 TAGGCATGTGGGCCCTTAGAGCCCTACCAGAGAACAGGGAGCAGCATTCCATAGACCAGAGAGAAGCGAGCAGCATCCTACGAGAGAAAGCG 387 CCTCGGATGTGAGCACCATCCCAGAGAGAA 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTGAGCGCTAT 388 TAGGCATGTTGGCGTGAGCGCTAT	357	AGACGATTACGCTGGACGCCGTCG
360 ATAGCGGAGTTTGGGTACGCGAAC 361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGACAAC 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCAAAGCTA 382 CCGCATGGGAACCATCTCAAAGCTA 384 ATTACGGTCGTCAGCTGAACCATG 385 TGCGAGGTGACCATCCAGAAAGCG 386 GGCCCCCTTCGAGACAGAAAGCG 387 CCTCGGATGTAGCCAGAAAGCG 388 TAGGCATGTGGGCTTACACTACAGAAAGCG 387 CCTCGGATGTGAGCACCATCCATACAAGCTA 388 TAGGCATGTGGGCTCACCACAAAGCG 388 TAGGCATGTGGGCTTCACCACAAAGCG 388 TAGGCATGTTGGCGTGACCCTACAAGCCTACCACACAAGCGAAAGCGAAAGCGAAAGCGAAAAGCGAAAGCGAAAGCGAAAAGCGAAAAGCGAAAAGCGAAAAGCGAAAAAGCGAAAAAA	358	ATGCCCTCCTTCATGGAAAGGGTT
361 ACCTACGCATACCGCTTGGCGAGG 362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGC 373 GGATAGAGTGAATCGCCGCAAC 374 TGCACCGAACGTGCACGACAC 375 GCCAGTATTCTCGGCGAAC 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTCTCGGCGACCTTTGACCG 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGCCATCC 380 CCAGACAGTGCCCTTGGAGTAT 379 ATGAAGCCTACCGGCGACCTTCGT 380 CCAGACAGTGCCTGGAACCATG 381 TGGCGTGGGACCATCCTAAAGCTA 382 CCGCATGGGAACCATCTCAAAGCTA 383 GCCCACTCGTCAGCTGAACGT 384 ATTACGGTCGTGATCCAGAAACCG 385 TGCGAGGTAGCACCTACCAGAGAA 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTTCGCCTAG 388 TAGGCATGTTGGCGTTAGACGCCTAG	359	ATTCTCGGAGCGTATGCGCCAGAA
362 GATTACCTGAATGGCCAAGCGAGC 363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGCGACTTCGT 380 CCAGACAGTGCCTGGAACCATG 381 TGGCGTGGGACCATCC 382 CCGCATGGGAACCATCGAGAGCAGTAAT 384 ATTACGGTCGTCACGAGAAACCG 385 TGCGAGGTGACCCTACGAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCACGAGAAAGCG 388 TAGGCATGTTGGCGTGAACCATCCAGAAAGCG 388 TAGGCATGTTGGAGCGCTAT	360	ATAGCGGAGTTTGGGTACGCGAAC
363 CCTGTTAGCATCACGGCGCTTAGG 364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGTGCCTGGAACCATG 381 TGGCGTGGGACCATCCAAGACCAGG 382 CCGCATGGGAACCATCCAAGACCATG 383 GCCCACTCGTCAGAGCAGAAACCA 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGACCCTACGAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTTCACCTAGAGAAAGCG 388 TAGGCATGTTGGCGTGAACCATCCAAGAAACCAGAGAGAG	361	ACCTACGCATACCGCTTGGCGAGG
364 CGGAATGATGCGCTCGACAACGCT 365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGAGACAC 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGGCAAC 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTGACGAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGAGTAT 379 ATGAAGCCTACCGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCAAGGCTAAC 382 CCGCATCGGAACCATG 383 GCCCACTCGTCAAGACCGGAACATAC 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTTCCATCAGAAGCG 386 GGGCCGCATTCTTTGATGTCCATTC 387 CCTCGGATGTGGACCATCCAGAGAAAGCG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATTCCCCCTAG	362	GATTACCTGAATGGCCAAGCGAGC
365 TGAGAGAGGCGTTGGTTAAGGCAA 366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATAGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGGCAAC 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCTGAAGCTA 382 CCGCATCGGGAACCATG 383 GCCCACTCGTCAAGGT 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTACCAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCCACGAGAAAGCG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCACCTAG	363	CCTGTTAGCATCACGGCGCTTAGG
366 AAGCAGGCGAAGGGATACTCCTCG 367 TCACGACAGACGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCTAAGGCTA 382 CCGCATCGTCAGCTGAACCATG 383 GCCCACTCGTCAGCTGAACCATG 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGACCACTTCAAGACCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGACCCTAT 389 CGATACGAACGAGGATGTCCGCCT	364	CGGAATGATGCGCTCGACAACGCT
367 TCACGACAGACGGGCCGAGATTAC 368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGAGCA 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCAAAGCTA 382 CCGCATCGTCAAGCTA 383 GCCCACTCGTCAGCTGAACCATG 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGACCCTTCCATCC 387 CCTCGGATGTGGGCTCTCACTCC 387 CCTCGGATGTGGGCTCCACGTCCAGAAAGCG 388 TAGGCATGTTGGCGTGAGCGTAT 389 CGATACGAACGAGGATGTCCGCCT	365	TGAGAGAGGCGTTGGTTAAGGCAA
368 AAGCAATTTGGCCTCGTTTTGTGA 369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCAAAGCTA 382 CCGCATGGGAACCATCTCAAAGCTA 383 GCCCACTCGTCAGCTGCAAAGCTA 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGACCATTCCATC 387 CCTCGGATGTGAGCACCTTCCATC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCGCCT	366	AAGCAGGCGAAGGGATACTCCTCG
369 GCTGGTTGCGGTAGGATCGCATAT 370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCCAAAGCTA 382 CCGCATGGGACCATCTCAAAGCTA 384 ATTACGGTCGTCAGCTGGACGTAAT 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGACCATCCAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCGCCT	367	TCACGACAGACGGGCCGAGATTAC
370 TTGTGAATCCGTTCTGTCCCCGAC 371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCAAGCTA 382 CCGCATCGTCAGAGCAGCAGTAAT 384 ATTACGGTCGTCAGCTGAACCATG 385 TGCGAGGTGACCATCCAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCAGCGCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCCCCT	368	AAGCAATTTGGCCTCGTTTTGTGA
371 CTCCGATGACAATTGTGGAGAGCA 372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACCATCTAAAGCTA 383 GCCCACTCGTCAGCTGAAAGCG 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTACGAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTTCACGCTAG 388 TAGGCATGTTGGCGTGACCCTAT 389 CGATACGAACGAGGATGTCCCCCT	369	GCTGGTTGCGGTAGGATCGCATAT
372 TGGGCTCCTCTGAGGCGAGATGGC 373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACCATCTCAAAGCTA 383 GCCCACTCGTCAGCTGACGTAAT 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTACGAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCGCCT	370	TTGTGAATCCGTTCTGTCCCCGAC
373 GGATAGAGTGAATCGACCGGCAAC 374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACCATGTAAT 384 ATTACGGTCGTCAGCTGGACGTAAT 385 TGCGAGGTGACCATCTCAGAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTTCAGCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGAGGATGTCCGCCT	371	CTCCGATGACAATTGTGGAGAGCA
374 TGCACCGAACGTGCACGAGTAATT 375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACCATGTCAAGGT 383 GCCCACTCGTCAGCTGAACGAT 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTACGAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCGCCT	372	TGGGCTCCTCTGAGGCGAGATGGC
375 GCCAGTATTCTCGGGTGTTGGACG 376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACCATGTAAS 383 GCCCACTCGTCAGCTGAACGTA 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTACGAGAAAGCG 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGAGATGTCCGCCT	373	GGATAGAGTGAATCGACCGGCAAC
376 TCGCTACCTAAGACCGGGCCATAC 377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACACGTGTCAAGGT 383 GCCCACTCGTCAGCTGGACGTAAT 384 ATTACGGTCGTGATCCAGAAGCG 385 TGCGAGGTGAGCACCTACGAGAGA 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCGCCT	374	TGCACCGAACGTGCACGAGTAATT
377 TGGCATTGACGAGCAGCAGTCAGT 378 CGCGTCCCAGCGCCCTTGGAGTAT 379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACACGTGTCAAGGT 383 GCCCACTCGTCAGCTGGACGTAAT 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTACGAGAGA 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCGCCT	375	GCCAGTATTCTCGGGTGTTGGACG
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379 ATGAAGCCTACCGGGCGACTTCGT 380 CCAGACAGATGGCCTGGAACCATG 381 TGGCGTGGGACCATCTCAAAGCTA 382 CCGCATGGGAACACGTGTCAAGGT 383 GCCCACTCGTCAGCTGGACGTAAT 384 ATTACGGTCGTGATCCAGAAAGCG 385 TGCGAGGTGAGCACCTACGAGAA 386 GGGCCGCATTCTTGATGTCCATTC 387 CCTCGGATGTGGGCTCTCGCCTAG 388 TAGGCATGTTGGCGTGAGCGCTAT 389 CGATACGAACGAGGATGTCCGCCT	377	TGGCATTGACGAGCAGCAGTCAGT
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791	CTAACGTCGTCTCGCGCAATCACT
792	TTTTCATAAACGTTGTCCCCGAGC
793	AGCAGGAGGACGAACCTCCGCTCC
794	TTCAAGCACCATCGTGCAATCCAA
795	AGCGTCGCCAGTGATCGCTAGTGG
796	TACATTCCCTGCCTCCGTGGGCTT
797	CGCTTCGCGTATTCAGTAGCGGTT
798	TCGGACGCGTCGACACTCATTATA
799	TCTGAGCAGGCCAGCTCCAGCT
800	TTGAATTGCCAAGCCCTGAAAGCC
801	AGTTTTCGCCTTGATGCGTCGGTG
802	GTTTCATAGGCCACGCGTGCTAAA
803	GGAGCGAAGACTTCGTCTGCCCAA
804	ATTGGCCGAGGGTGAATGCAGCCT
805	TGATCCATCCGAATGCTTTTCCAT
806	GCACACAGTTGTCTTGGCCCATGA
807	CTGGCGGCAGTGGAAAAAACAAC
808	ATCTCCATGCGTAAGACTGCTCCG
809	TCTCCTCGTCGCAGTTCGTGGA
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811	CAATCAAAAGCCACGGCGCGATGG
812	AGCGTCACGGAATTCAGCAGATCT
813	GACTCCCTGTTAATGCGCCCAAGG
814	TAGGCACTGCCGGTTCAGATTCAA
815	AACAGGGTGATAACGGTGGCCAAT
816	CGTGCGTACCATGTGTAAGTGCGT
817	GACCAATTCTACTTCGGCAGCCCA
818	ATCGGACCGATTTGCTTTTGGCTG
819	TCCGCCGAAGCACACGCTTATTCG
820	AACGGTACGCATTGTGAGCAGTGT
821	TGGCGACTACTGTTCCCCTGAATC
822	CAGAGGGGACAGCCGTATGCCTTA
823	CGGTGGTTTTATCGGAATCTGCGA
824	TTGGCCTCCGACCTCACGACATAT
825	CGTTTCGCTAGCATCTGGCGCCGA
826	ACTAAGCGGTGGAGCCGGTGGATG
827	ATATTGGCTGCGTTTACGGGCCGC
828	CCGCTATGGTGGCAATCCCGATAC
829	GTTGCATGTGGCTCAGGCGGCATA
830	ATTCTGGGGAGTGACCCAGGGCTT
831	CTCTCCAAGGAGACGAGCCAATGT
832	GAAAGGACGGGATTTGGGGGCTAA
833	TATGTAGTACCTTGGCTCGCGCCA
834	TCCCTTTCGATGAGCGGCTGTACT
835	TAGATCGGGCAGAGCCCGTATCTT
836	GGAATGCTTTAGGCTGCCGAGCTG
837	ATGGTAGCAACATTCAACGCCAGG
838	CTATGAAACGTGTGGCCCAGCAAC
839	ATGTTGCTAGTGCCTTTCGGGCCT
840	CCAATGTGCGCAGACTCAGTCATT
841	GATAGTGCTCGCAAACGGGCCTTC
842	GCACCCTGTTGCCTCATTGAGCGT
843	GGCGTGAATAGAGTGACCAGGCGG
844	ACGTGCCAGCTGCGGGCACTTTAT
845	AGTGGAATAGTCGCGTCGTGCCGC
846	ACTCGCCTATTACCGCTGGATTGG
847	GAGACCGGATTGAGATGATCCCGT
848	AAAATGGCAGGCGGCAAGCAATTG
849	CTGGCAGTTTACCACCGAACCAGT
850	TTACATTGCCGATTTCGCATGTGA
851	TAAAACTGAAGGGTCGCCTCAGCA
852	GGCTTCGCATGCCTTTGCAACATT

853	AAGACCGAAGGTCTCTCTGAGGGC
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855	CGTATCATAGCGTTCGGTGGACAA
856	CATGCGCTCGCACTCTGCCTGTCT
857	TGGGCAATTCGGAAACGTCGGTCT
858	TTGCGGAGATGCGACGGTACATTG
859	ACTTTCGCACGTCGATCTGGACTG
860	CTAACTGCCGCGGCAAACTGATTA
861	GGCCGCGGATTTTATTCCTTGGAT
862	GAATTTGGAACGGTGTTCCGATGA
863	GTCCATCCATCTACGGCATCAGGA
864	TAAACGACCTGGCACATGTGCGTA
865	CACCATCCAAGAGCCAATCCTAGG
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867	GTGCCAACCGACGATCAACCGAAC
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872	GGGACATGCGTAGCGCAATATCAC
873	CACACGTCACACCATCCAAAGTGG
874	ATGCTCAGGTGCTAAATACGGCCA
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883	AAGTCGTCTCCCTGCGTCTCGTCC
884	CCGACCTAATAAGGCGCAACAATG
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886	TGGAGAAAGGGAAGTGCAGCAACG
887	TGGTACTCCTTGTCATGCCTGCCA
888	GGCACAGGTTCTCTTGCAGCGCGG
889	GAATCTGGGCATTGCTACGAGACC
890	CGAAATGGGAGCGTCCACTACCAC
891	ACATATGAGCTCGCGTGCTTGCAT
892	TCGAGCACGGTCACTGATAAAGCC
893	GAGGGTCCCTGCTCAGAGTTGGTT
1	

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CTACCGAATGGATTGCGGATGGC
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939	TAAACGGAGACTGGCACGGTAGCA
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943	TTCCACGCCGTGTATTACGGATA
944	TTTATGCCGTTGCCGAGGAAGACT
945	AGTGCCGAGATAGGGGACTGGGCG
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947	CCGCCATTCGGAAGATGGATGATG
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950	CCATCAGTGAAGGGGTTGCTGCCA
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961	CTGAATTCCGCCTATTGTTCGGCA
962	GCTTGAACCTCGAGGCGATGTTCT
963	CAAGCGTGGAAGTACGACCCGCCA
964	GTGTGCACTGGATCCGAGCCCTAG
965	TCCCTGGGCTAGCATTGCGAGGTT
966	AGAACCAAAGACGCTTGTTTGCCG
967	CGTCACATGCAAACGTTCCCTCCC
968	TGACCGCATGTGTATTGAGTCGCT
969	GCGGGCCCAATGAGTATCCGTCAT
970	TAGTGACTGTGAACGCCCCTGGTT
971	GGCACCGTCTGCCGCGCGTATATC
972	TCGATGCAGTCTTTTTCCCGTCAA
973	ACCCGTGGGGTTTCGCCATTTTT
974	CTACACGCGCAGTTGTGACTTGTG
975	CGCAGCGACCTCATCTCTGGAGCC
976	CGACCCAGCACTCCTAAAATCGGT
977	ACGCGCCGCTCATCACTACAATCT
978	CGCAACTTCCTGTGGCAAAGCCAG
	

979 TCGTTGGCACATAAGGCAACTGA 980 CCGCTTGTAATTGCCATTCTCCGT 981 GTAACCAGGAGTCCTGGGCTGTG 982 AGCGCAAGATCTGGGGCAGTCAC 983 GCGTACATCTGCTCATCAGCATGG 984 CCTCTGTGGCAGGAAAGAAACCGT 985 CCTATGCAATGGACCTGCATCGGA 986 CTCGGTGGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGAATAAGGATA 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGCATA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCCATCCTT 995 TAGCCGCGGGCTCCTATGCCTA 996 GATGCCCTTTTGGTCCCATGCCT 997 TGAGCTGCCTTTTGGTCCCATGCCA 997 TGAGCTGCCTTTTGGTCCCATGCCA 1000 CCCTAGATAAGTTGGGGTGGACC 1001 TGAAGGGCCACCTGGATCTTC 1002 GCCGCCTCCGACTGGTTAACCCCA 1003 CGCACGGTACTACACACCCGATCC 1004 CCGGACCAATTCCAACC 1005 CATTGAGGTCCACCACCGACCCGAC 1007 TAATCGCGGGCCATACCAACC 1008 CGCAATTTCTCCCGCTCAACCCCCACCCCAC 1009 GTGGCTCGACTGCTCAACCACCCCCCCCCCCCCCCCCCC		
981 GTAACCAGGGAGTCCTGGGCTGTG 982 AGCGCAAGATCTGGGGGCAGTCAC 983 GCGTACATCTGCTCATCAGCATGG 984 CCTCTGTGGCAGGAAAGAAACCGT 985 CCTATGCAATGGACCTGCATCGGA 986 CTCGGTGGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGTGACGCA 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGGGGCTCCTATGCTT 996 GATGCCTTTGCTGCCACGATGCCT 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATACCAC 1000 CCCTAGATAAGTTGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGCTCCGACTGTTAACCCGA 1004 CCGGACCAATTCCAACGGGATCA 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACCACATTCCCACGGTGGCAAGC	979	TCGTTGGGCACATAAGGCAACTGA
982 AGCGCAAGATCTGGGGGCAGTCAC 983 GCGTACATCTGCTCATCAGCATGG 984 CCTCTGTGGCAGGAAAGAAACCGT 985 CCTATGCAATGGACCTGCATCGGA 986 CTCGGTGGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGTACGCC 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCCTTTTGGTCCCCATGCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCATACTACA 1000 CCCTAGATAAGTTGGGGTGGAACG 1001 TGAAGGGCCACCTGATAACCCAA 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCA 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATTCCCACCGAGA 1007 TAATCGCGGCCATACTACCACACG	980	CCGCTTGTAATTGCCATTCTCCGT
983 GCGTACATCTGCTCATCAGCATGG 984 CCTCTGTGGCAGGAAAGAAACCGT 985 CCTATGCAATGGACCTGCATCGGA 986 CTCGGTGGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGTGACGCA 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTCCATCAGCTC 999 TAGTGCTCTCCGCGCTCATCCAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGTTTC 1002 GCCGCCTCCACTGATACCCAA 1003 CGCACGGCTACTAACACGCGATCC 1004 CCGGACCAATTCCAACGACGATCC 1005 CATTGAGTCCACCGTTCACACC 1006 AGGACGCAGCTACTACACCC 1007 TAATCGCGGCCATACTACCACC 1008 CGCACAGTTCCCACCGTCCACCCC 1009 GTGGCTCGACTATCCACCCCCCCCCCCCCCCCCCCCCCC	981	GTAACCAGGGAGTCCTGGGCTGTG
984 CCTCTGTGGCAGGAAAGAAACCGT 985 CCTATGCAATGGACCTGCATCGGA 986 CTCGGTGGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGTGACGCA 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATACTTC 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGCTTC 1002 GCCGCCTCCGACTGATAACCCGA 1003 CGCACGGCTACTAACAGCGGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACACC 1006 AGGACGAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGCCAAGC	982	AGCGCAAGATCTGGGGGCAGTCAC
985 CCTATGCAATGGACCTGCATCGGA 986 CTCGGTGGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGTGACGCA 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCT 996 GATGCCCTTTTGGTCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATAGTTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACCGCTACTAACAGCGGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACCCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGCCAGG 1010 TGTGGGCCTGATCAGCCTTTCTTCCG </td <td>983</td> <td>GCGTACATCTGCTCATCAGCATGG</td>	983	GCGTACATCTGCTCATCAGCATGG
986 CTCGGTGGATGGCGAATAAGGATA 987 CCTCACTCGTGATGGCGTGACGCA 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACCCTCGCATC 995 TAGCCGCGGGCTCCTATGCTCTT 996 GATGCCCTTTGGTCCCCATGCCA 997 TGAGCTGCCTTTGCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTCCTC 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGCGATCC 1006 AGGACGACACTTCCAACC 1007 TAATCGCGGGCCATGCTCACCAAC 1008 CGCAAATTTCTCCGGTCGACAGC 1009 GTGGCTCGACTAATGCCTTGCTG 1010 TGTGGGGCGTTCCGGCCAACC 1001 TGTGGGCGTTCCCACCGTTCACATCC 1002 CCCGACTACTACCACCGCGAG 1003 CGCACGCTTCCACCGTTCACATCC 1004 CCCGACCAATTCCCACCGACCGAG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCACCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGGCAAGC 1010 TGTGGGCGTTTCCGGCTCACTGT 1011 GTTCTTCTTTTCTCGGTTGCGTG 1011 TGTGGGCGTTCCGGCTCACTGT 1012 ACCTCGAGTCAGATTGTGCGCCTT 1013 CAAGTGGACAGACGGTTTGTTCCG 1014 TCCAGTTGAGTCGCGCCGACGAGG 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCAGCCCTTATTTGC 1017 ATCAGCGCAAGCTCAGCCCTTATTTGC 1018 CCCTGGCCAGAACGAGAGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	984	CCTCTGTGGCAGGAAAGAAACCGT
987 CCTCACTCGTGATGGCGTGACGCA 988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTCCTC 999 TAGTGCTCTCCGCGCTCATGCTCT 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGCGATCC 1005 CATTGAGTCCACCGTTCACAACC 1006 AGGACGACATTCCAACGCGATCA 1007 TAATCGCGGGCCATGCTACCAACC 1008 CGCAAATTTCTCCGGTCGGCAAGC 1009 GTGGCTCGACTAATGCCTTGCTG 1010 TGTGGGCGTTCCGGCTCACTGT 1011 GTTCTTCTTTTCTCGGTCGGCAAGC 1012 ACCTCGACTAATGCCTTTCCGTTG 1011 GTTCTTCCTTTTCTCGGTTGGGAA 1012 ACCTCGAGTCAGATTGTTCCG 1014 TCCAGTTGAGTCGCCCTT 1015 CAGTGGACAGCGCTAGTTTTCCG 1016 GCCGTGACTAGCCCGTTCACACCG 1017 ATCAGCGCAAGCGCTTCCCAACGGTACCACCGTTCCCACCGTTCACACCGTTCCCTTCCGTTCTTTTTCCCGTTCGTTCCGTTCGTTCCGTTCTTTTTCCCGTTCGTTCCGTTCTTTTTCCGTTTCCGTTCTTC	985	CCTATGCAATGGACCTGCATCGGA
988 TACGCTCACAGAACGCCATACGCC 989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGGATACGTTC 1002 GCCGCCTCCGACTGATACGTTC 1003 CGCACGGCTACTAACACCGA 1004 CCGGACCAATTCCAACC 1005 CATTGAGGTCCACCGATCCAAC 1006 AGGACGCAGCATGTCCCACCGAC 1007 TAATCGCGGGCCATACTACCACC 1008 CGCAAATTTCTCCGGTCGCAAGC 1009 GTGGCTCGACTAATGCTTGCCTG 1010 TGTGGGCGTTCCCGCCTCACTCC 1011 GTTCTTCCTCTTTCTCGCGTCGCAAC 1001 TGTGGCGTTCCACACCC 1002 CGCACACTTCCACCCCTTCACACCCCCCCCCCCCCCCCC	986	CTCGGTGGATGGCGAATAAGGATA
989 CCGGAGAAGTTACGCGGATCGGAC 990 GCGCCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGCTCA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCACGATGCCTC 998 CCGCCGTATACGTCCATGCAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATACCGAC 1002 GCCGCCTCCGACTGATACCGAC 1003 CGCACGGCTACTAACACCGA 1004 CCGGACCAATTCCAACGAGCATCA 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCACCGAC 1007 TAATCGCGGGCCATACTACCACC 1008 CGCAAATTTCTCCGGTCGACACC 1009 GTGGCTCGACTATTCCACCGAC 1001 TGTGGGGGTTCCGCCTCACTCC 1001 TGTGGCGGCCATACTACCACCGACCCCCCCCCCCCCCCC	987	CCTCACTCGTGATGGCGTGACGCA
990 GCGCCTCACTGCATTTTTGGTAT 991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATGCTC 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCC 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCCGCCTACTGT 1011 GTTCTTCTTTTCTGCGGTGGGAA 1012 ACCTCGAGTCAGATTGTCCCG 1014 TCCAGTTGAGTCGCCCTTCCCGTC 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTAGCCCTTATTTTCC 1017 ATCAGCGCAAGCCCTTTATTTCC 1018 CCCTGGCCAGAACCAGCCCTT 1019 ACGATCAAGGACCCTTG 1019 ACGATCAAGGACCCTTCAAACCA 1019 ACGATCAAGGACCCTTCAAACCA 1019 ACGATCAAGGACCCTTCAAACCA 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACCCTTCAAACCA 1019 ACGATCAAGGACCCATGTCAAACCA 1019 ACGATCAAGGACTCGTCAGGGTTG	988	TACGCTCACAGAACGCCATACGCC
991 ACTTTCAGCACGCGAACAGCGCAA 992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATGCTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGACATTCCAACGAGCATCG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGCAAGC 1009 GTGGCTCGACTAATAGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGCTCACTGT 1011 GTTCTTCTTTTCTGCGGTGGAA 1012 ACCTCGAGTCAGATTGTCCG 1014 TCCAGTTGAGTCGCCCTTTCCG 1015 CGCAACAGGTCAGCCCTTTTTCCG 1016 GCCGTGACTCACTGCTTCCGGTAACACA 1017 ATCAGCGCAAGCTGGTCTGAACACA 1018 CCCTGGCCAGACCAGGGCCATG 1019 ACGATCAAGGACCCTTCAACACA 1019 ACGATCAAGGACTCGTCAGGGTTG	989	CCGGAGAAGTTACGCGGATCGGAC
992 CTAAACGCCCTTGATGCATGAGCA 993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATAGTTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1009 GTGGCTCGACTAATGCTTGCGTG 1010 TGTGGGCGTGTTCCGGTCGCAAGC 1010 TGTGGGCGTGTTCCGGTCGCAAGC 1011 GTCTTCCTTTCTGCGGTGGAA 1012 ACCTCGAGTCAGATTGTCCCG 1014 TCCAGTTGAGTCGCCCTT 1015 CAAGTGGACAGCCCTTATTTCC 1016 GCCGTGACTCACTCGCTAACACA 1017 ATCAGCGCAAGCCCTTATTTCCCG 1018 CCCTGGCCAGACCAGGCCATGTAACACACACACACACACA	990	GCGCCCTCACTGCATTTTTGGTAT
993 GCTTGCCTTTTACGATCGTCGCTA 994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTAACCCGA 1003 CGCACGGCTACTAACACCGA 1004 CCGGACCAATTCCAAC 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGAGCATGTCCACCGAC 1007 TAATCGCGGGCCATACTACCACCGAC 1009 GTGGCTCGACTAATGCTTCCGTG 1010 TGTGGGCGTGTTCCCACCCGTC 1011 GTTCTTCCTTTTCTGCGTGGAAA 1012 ACCTCGAGTCAGATTGTCCCG 1013 CAAGTGACAGACGGTTTCCCG 1014 TCCAGTTGAGTCCCCCCTTTCCCG 1015 CGCAACAGTCAGACCGTTTCCCGCCTTC 1011 CAAGTGACACACCGTTTCCCGCCCTT 1012 CAAGTGACAGACCGTTTTTTCCCG 1014 TCCAGTTGAGTCGCCCCTTCCCGTC 1015 CGCAACAGGTCAGCCCTTATTTCCCG 1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACCAGAGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG	991	ACTTTCAGCACGCGAACAGCGCAA
994 CAGACATCGTACGCACTCGGCATC 995 TAGCCGCGCGGCTCCTATGCTCTT 996 GATGCCTTTTGGTCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATAGTTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTCTCCGGTCGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGTCGCACTGT 1011 GTTCTTCTTTTCTGCGTGGGAA 1012 ACCTCGAGTCAGATTGTCCCGTT 1013 CAAGTGGACAGACGGTTTGTCCG 1014 TCCAGTTGAGTCGCCCTTATTTCC 1015 CGCAACAGGTCAGCCCTTATTTTCC 1016 GCCGTGACTCCTGCAATGTCCGTA 1017 ATCAGCGCAAGCTCGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	992	CTAAACGCCCTTGATGCATGAGCA
995 TAGCCGCGCGCGCTCTATGCTCTT 996 GATGCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATAGTTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTCTCCGGTCGGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGTCGGAA 1011 GTCTTCCTTTTCTGCGGTGGGAA 1012 ACCTCGAGTCAGATTGTCCCG 1014 TCCAGTTGAGTCGCCCTT 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCCTGCATGT 1017 ATCAGCGCAAGCTGTCTGAAACA 1018 CCCTGGCCAGAACGAGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG	993	GCTTGCCTTTTACGATCGTCGCTA
996 GATGCCTTTTGGTCCCCATGCCA 997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATAGTTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGTCGGAA 1011 GTTCTTCCTTTTCTGCGGTGGGAA 1012 ACCTCGAGTCAGATTGTCCCG 1014 TCCAGTTGAGTCGCCCGACGGG 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCCTGCAATGTCCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG	994	CAGACATCGTACGCACTCGGCATC
997 TGAGCTGCCTTGCCACGATGCCTC 998 CCGCCGTATACGTGCCATAGTTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGTCGGAA 1011 GTTCTTCTTTTCTGCGGTGGAA 1012 ACCTCGAGTCAGATTGTCCG 1014 TCCAGTTGAGTCGCCCTT 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCACTGCAACG 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	995	TAGCCGCGCGCTCCTATGCTCTT
998 CCGCCGTATACGTGCCATAGTTTG 999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGCTGAAT 1011 GTTCTTCCTTTTCTGCGTGGGAA 1012 ACCTCGAGTCAGATTGTCCG 1014 TCCAGTTGAGTCGCCTT 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAGCGCCTTG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG	996	GATGCCCTTTTGGTCCCCATGCCA
999 TAGTGCTCTCCGCGCTCATCCAAC 1000 CCCTAGATAAGTTGGGGTGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGCTCACTGT 1011 GTTCTTCTTTTCTGCGTGGGAA 1012 ACCTCGAGTCAGATTGTCCGCTT 1013 CAAGTGGACAGACGGTTTGTTCCG 1014 TCCAGTTGAGTCGCCCTATTTTCC 1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG 1019 ACGATCAAGGACTCGTCAGGGTTG	997	TGAGCTGCCTTGCCACGATGCCTC
1000 CCCTAGATAAGTTGGGGTGGGACG 1001 TGAAGGGCCACCTGATATGGTTTC 1002 GCCGCCTCCGACTGGTTAACCCGA 1003 CGCACGGCTACTAACAGCGGATCA 1004 CCGGACCAATTCCAACGAGCATCG 1005 CATTGAGGTCCACCGTTCACATCC 1006 AGGACGCAGCATGTCCCAGCCGAG 1007 TAATCGCGGGCCATACTACCAACG 1008 CGCAAATTTCTCCGGTCGCCAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGTCGGCAA 1011 GTTCTTCCTTTTCTGCGGTGGGAA 1012 ACCTCGAGTCAGATTGTCCG 1014 TCCAGTTGAGTCGCCCTT 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCTGCATGT 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	998	CCGCCGTATACGTGCCATAGTTTG
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1008 CGCAAATTTCTCCGGTCGGCAAGC 1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGCTCACTGT 1011 GTTCTTCCTTTTCTGCGGTGGAA 1012 ACCTCGAGTCAGATTGTGCGCCTT 1013 CAAGTGGACAGACGGTTTGTTCCG 1014 TCCAGTTGAGTCGCGCCGACGAGG 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	1006	AGGACGCAGCATGTCCCAGCCGAG
1009 GTGGCTCGACTAATGCCTTGCGTG 1010 TGTGGGCGTGTTCCGGCTCACTGT 1011 GTTCTTCCTTTTCTGCGGTGGAA 1012 ACCTCGAGTCAGATTGTGCGCCTT 1013 CAAGTGGACAGACGGTTTGTTCCG 1014 TCCAGTTGAGTCGCGCCGACGAGG 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	1007	TAATCGCGGGCCATACTACCAACG
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1014 TCCAGTTGAGTCGCGCCGACGAGG 1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	1012	ACCTCGAGTCAGATTGTGCGCCTT
1015 CGCAACAGGTCAGCCCTTATTTGC 1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	1013	CAAGTGGACAGACGGTTTGTTCCG
1016 GCCGTGACTCCTGCAATGTCGGTA 1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	1014	TCCAGTTGAGTCGCGCCGACGAGG
1017 ATCAGCGCAAGCTGGTCTGAAACA 1018 CCCTGGCCAGAACGAGGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	1015	CGCAACAGGTCAGCCCTTATTTGC
1018 CCCTGGCCAGAACGAGAGGCCATG 1019 ACGATCAAGGACTCGTCAGGGTTG	1016	GCCGTGACTCCTGCAATGTCGGTA
1019 ACGATCAAGGACTCGTCAGGGTTG	1017	ATCAGCGCAAGCTGGTCTGAAACA
	1018	CCCTGGCCAGAACGAGAGGCCATG
1020 TTCATGGCACCAAGACCACCGTTA	1019	ACGATCAAGGACTCGTCAGGGTTG
	1020	TTCATGGCACCAAGACCACCGTTA

1021	ACAGCAAGGAGATGGATTGCGACG
1022	CGTAAATATCTGCGGCGGTGTGAA
1023	GGAAACACGTGTTCGTCTGTTGGC
1024	CGATGTTAGGATTCGGATAGGCCA
1025	ATCGGACAAGGACAAGTGGATGGT
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1029	CGGCAGGTGGAGATTCCGACATTG
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1033	CGTGACTGCACGTGTTCCACAGGG
1034	GCTGAACTACCGCCTAAAATCGCG
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TATGGTGCTCAGAGCTGTTGCCAA
TCATCGACCCACTAACGTCAGGGC
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CACCAGCCTTACGTGCGGCGTTAA
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1124	AATACCGTTCCCATCTGTGCGAGG
1125	ACACAAGGTGCCTCATCGAATGGT
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1127	CTTATCCCATGTGCCGGTCTGACT
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1141	GGAACACTCAACCACCGTGGATCT
1142	TCACACACCAACTGGCCACAGATG
1143	TGTGCTTAGGACACCAGGCAACCC
1144	GACATTTAACCCGACCGATTGTGC
1145	GGCACCGAGCCAGTAGGCCTCTGA
1146	CTCAAGCGTGCATGTTGGTAACCA

1147 AGGAAGGCCACCATCCAATATTCG 1148 TTGGAGCCCTGACTGAACCAAATC 1149 TACGAAGGCCAGGTTATGCCAAT 1150 CGCACCAGAGTTATGCAGGCTCAA 1151 CCAGCTTGGACGAGGAAGGATGTG 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGCACTTGGGTCCAGTGC 1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGGTTA 1160 ACCTGTGCAGTCAGCACGAGTTA 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGGC 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACACAGGTGCCCTA 1165 AAAAGCGCTGCTCTAACACCGGCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCCAACGT 1170 GACGTTATCATGACACAGGTCCCAA 1171 GGCGAGATTCATTTGCCTGAAGA 1172 TTGCTGGCAAACA		
1149 TACGAACGCCAAGGTTATGCCAAT 1150 CGCACCAGAGTTATGCAGGCTCAA 1151 CCAGCTTGGACGAGGAAGGATGTG 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGGCACTTGGGTCCAGTGC 1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTG 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTAAG 1168 ACAGACCAGCTTTTTGCCAACGT 1169 CGGCGATCCATTTCCCAACGGT 1160 CAGACACAGGTGGATCCTCAA 1171 GACGGAGATTGCATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAA 1171 GACGGAGATTAGTCGCCCA </td <td>1147</td> <td>AGGAAGGCCACCATCCAATATTCG</td>	1147	AGGAAGGCCACCATCCAATATTCG
1150 CGCACCAGAGTTATGCAGGCTCAA 1151 CCAGCTTGGACGAGGAAGGATGTG 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGGCACTTGGGTCCAGTGC 1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGACCCTA 1162 CCTCGCTAGAGAAACCGTGGGGT 1163 TAACATCGGTGCAAACCGTGGCG 1164 ACCCAGAAGACATGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCGG 1166 CAAGTCTGTCCATTCCCAACGGT 1167 CCGACACATGTGGGCTTTTAAG 1168 ACAGACCACAGTTGGCTTTTAAG 1169 CGGCGATCCATTTTCCCAACGGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCCCTCAA 1172 TTGCTGGCAAACAGGTCGCG 1174 GGCAGAGTTGGATCGGATCCTCAA 1175 GAACTCGACACGGTGATA 1176 CACAAGCCACCGAATTCGCTC 1177 CCAGAACATGCACCGCAGTT 1178 CACAGCGACTTTTCTCCACGGT 1179 ATTCTTGCTTCACGGAAGT 1179 ATTCTTGCTTCGACCGGAATTCGCCT 1180 GGCGGACCTTTTTCACGCACGT 1171 CCAGAATGCACCGCGAATTCGCCCA 1172 CCAGAATGCCACCGAATTCGCTCTAA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGAATAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTAGAGT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 GGCGAATTGGCCCATTCCTGCAT 1181 GATGGTCGGCAGAATTAGCC 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGACCTCCTGCAT 1185 GGATCTTTACTCAGGGGCAGACCC 1186 CGCGAGTGCTTTTTCCTTCTGTGGA 1187 GCCCCATTTCTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTC	1148	TTGGAGCCCTGACTGAACCAAATC
1151 CCAGCTTGGACGAGGAAGGATGTG 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGGCACTTGGGTCCAGTGC 1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGCCCACCCCTA 1162 CCTCGCTAGAGAAACCGTGGGGT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCGG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACACTGTGGGCTTTTAAG 1168 ACAGACCACGTTTTTGCGCAGATT 1169 CGGCGATCCATTTTCCCAACGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCCATTTCAAAGT 1172 TTGCTGGCAAACACGTCGCG 1173 CCTCAATGCACACGGTATCGCCT 1174 GGAGTAGCACACGTTCCTAAAG 1175 GAACTCGACACGAGTTCGCCCA 1176 CACAAGCGACACTTTTCTCTAAGT 1177 CCAGAATGCCACCGAATTCGGTAT 1178 CACAGGCACACTTTTCTTCAAGGT 1179 ATTCTTGCTTCACGGAAGGT 1179 ATTCTTGCTTCACGGAAGTTCGCCCA 1180 TGCCACTTTTGCTCACGGAATTAGAGT 1171 CCAGAATGCGTGAATTAGAGT 1172 CAGAATGCGTGAATTAGAGT 1173 CTCAATGCCACCGAATTCGGTCT 1174 GAACTCGACTGTCACGGAAGGT 1175 GAACTCGACTGTCACGGAAGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTAGAGT 1179 ATTCTTGCTTCGGACGAATTAGAGT 1179 ATTCTTGCTTCGGACGAATTAGAGT 1179 ATTCTTGCTTCGGACGAATTAGAGT 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATTAGTCGCG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCCTGCAT 1185 GGATCTTTACTCAGGGGCAGACC 1186 CGCGAGTGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	1149	TACGAACGCCAAGGTTATGCCAAT
1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGGCACTTGGGTCCAGTGC 1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTC 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCCAGAGT 1170 GACGTTATCATGACACAGGTCCCA 1171 GGCAGAGTTGGATCCGCAGATTCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCACCGAATTCGCCCA 1175 GAACTCGACGTGTCACGGAACGCC 1176 CACAAGCGGTGAATTCGCGTCCT 1178 CAAGGGAG	1150	CGCACCAGAGTTATGCAGGCTCAA
1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGGCACTTGGGTCCAGTGC 1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTCACTTCAAAGT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCGCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATG	1151	CCAGCTTGGACGAGGAAGGATGTG
1154 TATTGTGGCACTTGGGTCCAGTGC 1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCG 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCGG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTAAG 1168 ACAGACCACATGTGGGCTTTTAAG 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATTACACACGCG 1171 GGCAGAGTTGGATCGAAT 1172 TTGCTGCAAACACGCCGAATTCGCCT 1174 GGAGTTACATGACACAGGTCCCAA 1175 GAACTCGACTGAACACGCCGAATTCGTCAAAGT 1176 CACAAGCGACCACGAATTCGGTAT 1177 CCCGAATGCCACCGAATTCGGTAT 1178 CACAGCGCACTTTCACTGACACG 1177 CCAGAATGCGTCACGAATTCACTCCACGATTCACTCACGACGTTTCACTTCACTCCACGATTCACTCCACGATTCACTCCACGAATTCACTCCACGAATTCACTCCACGAATTCACTCCACGAATTCACTCCACGAATTCACTCCACGAATTCACTCCACGAATTCACTCAC	1152	GTCACGCCTTTCAAATGACCCACA
1155 CACGTGTGAGACCGGAAGTGCATC 1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTAAG 1168 ACAGACCAGTTTTCCCAACGGT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATTCACTTCAAAGT 1171 GGCAGAGTTGGATCGCCG 1171 GGCAGAGTTGGATCGCAA 1172 TTGCTGCAAACACCTCCAA 1173 CCTCAATGCCACCGAATTCGTAA 1174 GGAGTTACATGACACAGGTCCCA 1175 GAACTCGACGTGATTAGTCCCCA 1176 CACAAGCGACATTTCTGTGCACAG 1177 CCAGAATGCGTGATTAGTCCCCA 1178 CACAGCGACATTTCTGTGCACG 1179 ATTCTTGCTTCGGACGATTAGAGT 1179 ATTCTTGCTTCGGACGATTAGCC 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGCAGAACAGTCCTGAAT 1182 GTTCACACGGATTGACCACAACATGT 1183 GATCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCTGCAT 1185 GGATCTTTACTCAGGGGCAGACCC 1186 CGCGAGTGCTTTGTTCTTTTTTTTTTTTTTTTTTTTTTT	1153	TGCTAGACCCAGCCCGAGTCTCGG
1156 AACCTCCAGCAAAACGTCGAGGTT 1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGGTTTTTCACACCGCG 1170 GACGTTATCATTCACACCGCG 1171 GGCAGAGTTGGATCGCATT 1171 GGCAGAGTTGGATCGCAAACAGTT 1172 TTGCTGGCAAACAGGTCCTCAA 1173 CCTCAATGCACCGAGATT 1174 GGAGTTAGCACCGAATTCGGTAT 1175 GAACTCGACGTGTCACGAAGA 1176 CACAAGCGTGTCACGAAGAGGT 1177 CCAGAATGCGTGAATTCGCCCA 1177 CCAGAATGCGTGAATTCGCCCCA 1178 CACAGCGACATTTCTGGTGCACG 1179 ATTCTTGCTTCGACGAATTAGAGT 1179 ATTCTTGCTTCGACCACGATTAGAGT 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCCCTTGCTAA 1185 GGATCTTTACTCAGGGGCAGACCC 1186 CGCGAGTGCTTTTTTTTTCTGTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1154	TATTGTGGCACTTGGGTCCAGTGC
1157 GGCAGCCTGATGCTACAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACATCAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGCAA 1172 TTGCTGGCAAACAGCTCCTAA 1173 CCTCAATGCACCGAATTCGTAAGA 1174 GGAGTTAGCACAGGTTCGCCA 1175 GAACTCGACGTGTATTAGTCGCCCA 1176 CACAAGCGACTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	1155	CACGTGTGAGACCGGAAGTGCATC
1158 CGGTCCGTCCATCCTTCAGAGTTA 1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGCGCT 1168 ACAGACCAGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCACCGGAATTCGGTAT 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCTCT 1178 CAAGGGAGCCTTCGGAATTCGCTCT 1178 CAAGGGAGCCTTCGGAATTAGAGT 1179 ATTCTTGCTTCGGACGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGCCAATTAGTCGCCAT 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1156	AACCTCCAGCAAAACGTCGAGGTT
1159 CTATTCGCGGACCCTACGCAGTTT 1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTAAG 1168 ACAGACCAGCTTTTTGCCAACGT 1170 GACGTTATCATTCACTTCAAAGT 1171 GGCAGAGTTGGATCGCATTCACACGCG 1171 GGCAGAGTTGGATCGGATCCTAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGCTA 1174 GGAGTTAGCACCAGATTCGCCA 1175 GAACTCGACGTGTTAGTCGCCA 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGATTCGCTCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGCAGATTAGTCCC 1182 GTTCACACGGATTAACTGCCC 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGACCCCATCCTGCAT 1185 GGATCTTTACTCAGGGCCAACACCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTTCCTTTTCTTTCTTTCTTTCTTTC	1157	GGCAGCCTGATGCTACAGCACCGT
1160 ACCTGTGCAGTCAGCACGAGTGCG 1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGCTA 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCTGCGAATTAGAGT 1179 ATCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATTAGCCC 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1158	CGGTCCGTCCATCCTTCAGAGTTA
1161 GAGAACCACAGGTGGTCCACCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGGTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTATAGTCGCCCA 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGGTGCTC 1178 CAAGGGAGCCTTGCAGGAATTCGCTCT 1178 CAAGGGAGCCTTGCAGAATTCGCTCT 1180 TGCCACTTTGATTCCAGATTGCC 1181 GATGTCGGCAGATTACCCG 1182 GTTCACACGGATTACCCGTT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGACCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGCCGTTCCTTTTTTCTTTTTTTTTTTTT	1159	CTATTCGCGGACCCTACGCAGTTT
1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCGG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGCACCGAATTCGGTAT 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTCTGGTGCACG 1177 CCAGAATGCGTGATTCGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTCCAGATTGCC 1181 GATGGTCGCAGGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCATGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1160	ACCTGTGCAGTCAGCACGAGTGCG
1163 TAACATCGGTGCAAACCGTGGCGC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACATCAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGGTCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCCG 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCCGCGATGGCGTACATCCTT	1161	GAGAACCACAGGTGGTCCACCCTA
1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCGG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTCCAGATTGCC 1181 GATGGTCGCCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCC 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGCCTTT	1162	CCTCGCTAGAGAAATCCACGGGAT
1165 AAAAGCGCTGCTCTAACACCGCCG 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGCCGTACATCCTT	1163	TAACATCGGTGCAAACCGTGGCGC
1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATCCAATTGCCCATTCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1164	ACCCAGAAGACATGGCATTCGCCT
1167 CCGACACATGGTGGGCTTTTTAAG 1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGCCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1165	AAAAGCGCTGCTCTAACACCGCCG
1168 ACAGACCAGCTTTTTGCGCAGATT 1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCC 1185 GGATCTTTACTCAGGGGCAGACCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1166	CAAGTCTGTCCATTTCCCAACGGT
1169 CGGCGATCCATTTCACTTCAAAGT 1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGCCGTACATCCTT	1167	CCGACACATGGTGGGCTTTTTAAG
1170 GACGTTATCATGACACAGGTCGCG 1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGA 1187 GTCGTCGCGATGGCGTACATCCTT	1168	ACAGACCAGCTTTTTGCGCAGATT
1171 GGCAGAGTTGGATCGGATCCTCAA 1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1169	CGGCGATCCATTTCACTTCAAAGT
1172 TTGCTGGCAAACAGCTCCTGAAGA 1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGA 1187 GTCGTCGCGATGGCGTACATCCTT	1170	GACGTTATCATGACACAGGTCGCG
1173 CCTCAATGCCACCGAATTCGGTAT 1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1171	GGCAGAGTTGGATCGGATCCTCAA
1174 GGAGTTAGCGTGATTAGTCGCCCA 1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1172	TTGCTGGCAAACAGCTCCTGAAGA
1175 GAACTCGACGTGTCACGGAAGGGT 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1173	CCTCAATGCCACCGAATTCGGTAT
1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1174	GGAGTTAGCGTGATTAGTCGCCCA
1177 CCAGAATGCGTGAATTCGCGTCCT 1178 CAAGGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1175	GAACTCGACGTGTCACGGAAGGGT
1178 CAAGGAGCCCTGCGAATTAGAGT 1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGA 1187 GTCGTCGCGATGGCGTACATCCTT	1176	CACAAGCGACATTTCTGGTGCACG
1179 ATTCTTGCTTCGGACGACTAGCCG 1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1177	CCAGAATGCGTGAATTCGCGTCCT
1180 TGCCACTTTGATTTCCAGATTGCC 1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGA 1187 GTCGTCGCGATGGCGTACATCCTT	1178	CAAGGGAGCCCTGCGAATTAGAGT
1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1179	ATTCTTGCTTCGGACGACTAGCCG
1182 GTTCACACGGGTTGACCAACATGT 1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGA 1187 GTCGTCGCGATGGCGTACATCCTT	1180	TGCCACTTTGATTTCCAGATTGCC
1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1181	GATGGTCGGCAGATAAGTGGTGGG
1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1182	GTTCACACGGGTTGACCAACATGT
1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1183	GATTCAATTGCCCCATTCCTGCAT
1186 CGCGAGTGCTTTGTTCTGTGGA 1187 GTCGTCGCGATGGCGTACATCCTT	1184	TACCGGAAACTGAGCCTCGTGCTA
1187 GTCGTCGCGATGGCGTACATCCTT	1185	GGATCTTTACTCAGGGGCAGAGCC
	1186	CGCGAGTGCTTTGTTCTGTGTGGA
1188 ACGGGAATCTCCCGAAGTGCGAGC	1187	GTCGTCGCGATGGCGTACATCCTT
	1188	ACGGGAATCTCCCGAAGTGCGAGC

1189	GGTCGAAATGAGCCAGCAGCAGAT
1190	CCATTGGAATACTGCGTGCGGCTT
1191	GGAAGACTTCGCGAGGGCACAATG
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1193	TCGTCCCTCTGGTGGTCGAATCAC
1194	TGTGCAAATTATGCTGGGCGTGAG
1195	GTCGCCAACTGTCATGTGCCCA
1196	CCTCGAACCCTCAAGACGAAACGA
1197	CTTCATCACGTGACCTTTGTTGCC
1198	CCTTCATTCCCAGCAGGATGGCTT
1199	CGGGGACCTCAATGGAGCGTCTTA
1200	CGCCTCTAGCGCTTGTTACGTCGA
1201	CTGCCAGACTCAAAACAGGGACGG
1202	CTCCTTACACCGTGTGAGGGAACC
1203	TTTCATGCCATATCGCCTCGCGCA
1204	TCTGGCTTTTCCTCGATCAATCGT
1205	GTCTGACTGTCTGCCCTGTATGCG
1206	GGTTAATGGAACGGCGTTAACGCG
1207	CTTCGCACTGCGGAATCTCAAGCT
1208	TGCCAGAGGCGTAGGAGTCCTGGA
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1210	GACCTCCAAAGTCAGTCTTGGCGG
1211	CGTTAGAGCATGACCGAACACGTC
1212	GTGGGCTCAAAAATTGGGTACGCC
1213	GGGGCAGAGATCACGCGTTCCTCT
1214	TTTCGCCCTACGAAGCGAAGTTTC
1215	TACGGGGTGATGTTAAGCTACGCG
1216	CCTGTGAGTCTGAGATCGCCGTGT
1217	ACTGAAGCTGGAACAGGCCATTCG
1218	AGCACTGGTTCACATGGGAGTCCA
1219	TAAGGAAGATCACACTCCCTGCGC
1220	CACCACACGCTAAAATTGAAGCCG
1221	GCTGTCGCCAGGATCATGTATCGT
1222	TTCGTTCGTGCACTGGATTCTTGA
1223	TCAGCTCTCCTTGTGCTTGCAGTG
1224	ACGACGAGGTGAACTTCGTGGGAA
1225	AGCATTGCCGCGGGCCTTGGTTTA
1226	CAGAGGCAGATGTGACTCCTCAA
1227	CGATATTTCAGCCTCTCAAACGCG
1228	TGCCAGAAATGTTGCCGATTCGAA
1229	TAGGCCACCCGGTGTTCACAATTC
1230	GAGAGTCAGACCGAGGGACACGAG

1231 GAGGCGATCCTGGAACCACGCAAC 1232 CCAGAGAGGCGGGCTACTGACTCA 1233 CACACAGTCCCATCGTACGGCAGT 1234 TTACGTTGCGGAAGCGTGCCTCTA ATGTACACGCTGCAATCGTGTCCC 1235 ATGTACACGCTGCAATCGTGTCCC 1236 ACTCGTCGGAAGCGCCCAGGT 1237 ATGCGAGAGCAGCAATTGAGCCGGT 1238 AAGTTGGTTCGTATTCACGCGTGC 1238 AAGTTGGTTCGTATTCACGCGTGC 1239 TGGGCTTATCGCCGAAGATTGATC 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAGACCCAGAATTTTA 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGCCATGATTGGA 1245 TTAACATTCGGACCCAGGACTTCG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 ACTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACCATGCCGGGCGTGC 1253 TGGCCAGGGAACCACAGCCGGGCTGC 1253 TGGCCAGGGAACCACAGCCGGGCGTGC 1254 AAACATGGGTCGCGTTGAGATCA 1255 GCGAAGACGCGGAATCCCTTTAGGAACAGCC 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGTTTAGACA 1256 CCGCCAAACAAGACAGACCGGGA 1257 AATGGGGCACAAGACCAGACCGGA 1257 AATGGGGCACAAGTCCCTTTTAG 1258 TGTCTCGGGCCTTCAGGACCACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGCTTCCCCTCAACTAGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTTCCCCTCAACTAGG 1262 CACGAATTACGCACCCACACAGAGA 1263 GCTTCGGAATCATCCACCTGCATCATT 1265 GAGTGCTGGAACACCCTACCTACTAGG 1264 CGCTCTGAACACCCCAGGAATGCCCACACAGAGACCCCAGGAATCCCCAGGAATCCCCAGGAATCGCCACACAGAGACCCCAGGAATCCCCACAGAGACCCCAGGAATCCCCAGGAATCGCCACACAGAGACCCCAGGAATCGTCTGAACACCCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACACCCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCGCACCCAGGAATCTTTACCACCTCTACCGCACACCCAGGAATCTCTACGCACCACACACCCCAGGAATCTTACCCCACCACACACCCCAGGAATCTTTACGACCACCCAACACC		
1233 CACACAGTCCCATCGTACGGCAGT 1234 TTACGTTGCGGAAGCGTGCCTCTA 1235 ATGTACACGCTGCAATCGTGTCCC 1236 ACTCGTCGTCGGAAGCGCCCAGGT 1237 ATGCGAGAGCAGCATTGAGCCGGT 1238 AAGTTGGTTCGTATTCACGCGTGC 1239 TGGGCTTATCGCCGAAGATTGCTA 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAGACCCAGAATTTTA 1242 ATGCATCCAGCGTCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCCTTCG 1244 TCTTGACGGCTGGCATGCATTGCACAGCCTTCG 1245 TTAACATTCGGCCGAAGATTGCA 1246 TGGTGCGAACCCCAGGACCTGG 1247 TACTCCAGTCGCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCGTAGCACCAGGACCTGG 1249 AGTCCGCGCGAAAC 1249 AGTCCGCGCGAAACCAACAGCACAGC 1249 AGTCCGCGCGAAACCAACAGCACAGC 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATCCCTTTTAG 1256 CCGGCCAAACAAGCTCGGTA 1257 AATGGGGCACAGTCCCTTTTAG 1258 TGTCTCGGGCTTCAGGACCACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAACAACAGCTCGGC 1261 GAGCCGATCATCACTCGCTGCGCGAAC 1262 CACGAATTACGACACACAT 1263 GCTTCGGAACCACACACACT 1264 CGCTCTGAACAACACACACT 1265 GAGCCAATCACCACCACAGAGCACACACT 1266 CCGCCAAACAACACACACCT 1267 GAGCCGATGGCCTTCAACTACTCACTTGCAT 1268 CACGAATTACGCACCACACAGGAC 1269 CTACCCCACAGTAGCCACAGCACACACACACACACACACA	1231	GAGGCGATCCTGGAACCACGCAAC
1234 TTACGTTGCGGAAGCGTGCCTCTA 1235 ATGTACACGCTGCAATCGTGTCCC 1236 ACTCGTCGTCGGAAGCGCCCAGGT 1237 ATGCGAGAGCAGAATTGAGCCGGT 1238 AAGTTGGTTCGTATTCACGCGTGC 1239 TGGGCTTATCGCCGAAGATTGCTA 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGCACAGACTTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGGCAGACTTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAACAGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 ACGGCCAAACAAGAGACCGAGCGGA 1257 AATGGGGCCAAACAAGAGACCACGTGCG 1260 GC	1232	CCAGAGAGGCGGGCTACTGACTCA
1235 ATGTACACGCTGCAATCGTGTCCC 1236 ACTCGTCGTCGGAAGCGCCCAGGT 1237 ATGCGAGAGCAGAATTGAGCCGGT 1238 AAGTTGGTTCGTATTCACGCGTGC 1239 TGGGCTTATCGCCGAAGATTGCTA 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGGAAGTCTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAAGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGTCTCATTTAG 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACCGAGCGGA 1257 AATGGGCCAAGTCTCACTCACCTTCAC 1260 GCTTCGG	1233	CACACAGTCCCATCGTACGGCAGT
1236 ACTCGTCGTCGGAAGCGCCCAGGT 1237 ATGCGAGAGCAGAATTGAGCCGGT 1238 AAGTTGTTCGTATTCACGCGTGC 1239 TGGGCTTATCGCCGAAGATTGCTA 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAGATCTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGCAGGACTTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAAATACGAACAGTA 1250 ATGTTGCACGCGCACATACACACACACACACACACACACA	1234	TTACGTTGCGGAAGCGTGCCTCTA
1237 ATGCGAGAGCAGAATTGAGCCGGT 1238 AAGTTGGTTCGTATTCACGCGTGC 1239 TGGGCTTATCGCCGAAGATTGCTA 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAAGTCTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACACACT 1257 AATGGGGCACAGTCTCCCTTCACCACT 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGAT	1235	ATGTACACGCTGCAATCGTGTCCC
1238 AAGTTGGTTCGTATTCACGCGTGC 1239 TGGGCTTATCGCCGAAGATTGCTA 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAAGTCTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGACGCGCACTGTATCACA 1251 GGGATCAGCATCATTAGCAAGAGAG 1252 ATCGCCTAACTATTGGAAAGGAG 1253 TGGCCAGGGAACACAGCCTGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAGAGACAGACCAGACAGC 1257 AATGGGCCAAGCATCCCTTTTAG 1258 TGTCTCGGGCCTTCAGGACACAC 1259 TCCACCTTCATTAAGTGGTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATTCCCTTCAGGACACACT 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACATCACCCTGCAT 1264 CGCTCGAAACACACGCACAGAGA 1265 GAGTGTGACCTCCCTCAACTAGG 1266 CCACCCCAGTGTAGCCAGGA 1267 GAGTGCGATCCCCTCAACTAGG 1268 CACGCCAAACACGCGCCACAGAGA 1269 CTAGCTGGAACCCTTTTAGCAG 1269 CTAGCTGCGATTCCCTTTTAGCAG 1269 CTAGCTGCGATCCCACAGCCCACAGAGGA 1269 CTAGCTGCGATCCCCTCACCGCGGCGGC 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCCAATTTTTCCAAGCCCAACCCCAACCCCCCCC	1236	ACTCGTCGGAAGCGCCCAGGT
1239 TGGGCTTATCGCCGAAGATTGCTA 1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAAGCCTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGCATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGATACACA 1251 GGGATCAGCATCATTAGAAAGAG 1252 ATCGCCTAACTATCGAAAGCAGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGACAGACAGC 1257 AATGGGCACAGCTCCGTTGACA 1258 TGTCTCGGGCCTTCAGGACACAC 1259 TCCACCTTCATTAAGTGGTCGGC 1260 GCTTCGGAATCATCACCCTGTCAT 1261 GAGCCGATTCCCTTCAGG 1262 CACGAATTACGCACGCACAGAGA 1263 GCTGTGACACCACCTGTCAT 1264 CGCTCTGAAAACAGGGCCAAAGGAGAGA 1265 GAGTGTGACCCCTCCAACTAGG 1266 CCAACCCCAGTGTAGCCAGGA 1267 GAAGTAGGGGCTACGTT 1268 CACGTGGAACCCCTTAGCCAGGA 1269 CTAGCTGCGATTCCCTTTTAGCAG 1268 CAACCCCAGTGTAGGCCCAAACGG 1269 CTAGCTGCGATCCGCAACCCCTTCACG 1270 CATTGAACCATCAGCCAAGCTCCCCTACCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1237	ATGCGAGAGCAGAATTGAGCCGGT
1240 CAACGGCGAAGACCCAGAATTTTA 1241 AGCGTACGGCGAAAGTCTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCCACCAGGACGTA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGACAGCTCGGTA 1257 AATGGGGCACAGTCTCCCTTTTAG 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGCTCGGT 1262 CACGAATTACGCACCACAGAGGA 1263 GCTGTGAAACACGCACCACAGGGA 1264 CGCTCTGAAAACGCGGCCTACGTT 1265 GAGTGCTGCACCCTCAACTAGG 1266 CCAACCCCAGTGTAGCCACAATG 1267 GAAGTAGGGATCTTGGCCGGGG 1268 CAACCTCGATTAGCCCGCGCGAATG 1269 CTAGCTGCGATCTTTTAGCAG 1269 CTAGCTGCGATCCCCTTACCG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCCAAGCCCAAC	1238	AAGTTGGTTCGTATTCACGCGTGC
1241 AGCGTACGGCGAAAGTCTAGGGAC 1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACATGATACACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGTTTTAG 1256 CCGGCCAAACAAGACAGCTCGTA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACCACAGAGGA 1263 GCTGTGACAACCACGCACAGAGGA 1264 CGCTCTGAAAACGCGGCTACGTT 1265 GAGTGCTGCACCCTCAACTAGG 1266 CCAACCCCAGTAGCCACAAATG 1267 GAAGTAGGGAACCCTTTTTAGCAG 1268 CAACCTCGATTGGCCGGCG 1268 CAACCTCAGGACCCCACAAGGA 1269 CTAGCTGCGATCTTTTAGCAG 1269 CTAGCTGCGATCCCCTTACCG 1270 CATTGAACCATCAGCCAAACTTTACCACCTTACCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1239	TGGGCTTATCGCCGAAGATTGCTA
1242 ATGCATCCAGCGTCCCCTTGATTA 1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACATGATACACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTACACAC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCA 1257 AATGGGCACAGATCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGCG 1262 CACGAATTACGCACCACAGAGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCAGGA 1267 GAAGTAGGGCACCTTTTTAGCAG 1268 CAACCTGGGACCCTTTTTAGCAG 1269 CTAGCTGCGATCTCGCTCGC 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1240	CAACGGCGAAGACCCAGAATTTTA
1243 ACCGTCATCAGTCGCAGGCTTCTG 1244 TCTTGACGGCTGGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGCAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTAG 1256 CCGGCCAAACAAGACAGCTCGGTA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCAAATG 1267 GAAGTAGGGGAACCTTTAACGCACGCACAGAGGA 1268 CAACCCCAGTGTAGGCCGCAAATG 1269 CTAGCTGCGATCCGCTCACCGCGCGG 1270 CATTGAACCATCAGCCAACCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1241	AGCGTACGGCGAAAGTCTAGGGAC
1244 TCTTGACGGCTGGGCATGATTGGA 1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACATGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGCGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGC 1260 GCTTCGGAATCATCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACCTT 1265 GAGTGCTGGACACCGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCAACATG 1267 GAAGTAGGGGATCTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCAACCTCTACG 1270 CATTGAACCATCACCAACCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1242	ATGCATCCAGCGTCCCCTTGATTA
1245 TTAACATTCGGACCCAGGACCTGG 1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACATTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGCTATCGCTCGG 1262 CACGAATTACGCACGCACAGAGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACCGTT 1265 GAGTGCTGGACACCCTTAGCACACT 1266 CCAACCCCAGTGTAGCCAGGA 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTTTTAGCAG 1269 CTAGCTGCAACCTCTACG 1270 CATTGAACCATCACCACCTGCCAACTACGC 1271 AGACTGGCAATTTTTCGAGGCCAA	1243	ACCGTCATCAGTCGCAGGCTTCTG
1246 TGGTGTCGAACTCCCTTGCGTGTT 1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGTTCCTTTAG 1256 CCGGCCAAACAAGAGCAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGC 1260 GCTTCGGAATCATCACCTGTCAT 1261 GAGCCGATGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGA 1263 GCTGTGACACCTCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGCACACTGTCGTCGTCGT 1266 CCAACCCCAGTGTAGCCAGGA 1267 GAAGTAGGGACACCTTTTAGCAG 1268 CAACCCCAGTGTAGCCAGCG 1269 CTAGCTGCGATCCGCAACCTTCACG 1270 CATTGAACCATCAGCCAACCTGCC 1271 AGACTGCCAATTTTCCAGGCCAA	1244	TCTTGACGGCTGGGCATGATTGGA
1247 TACTCCAGTCGCCTGCGCGCAAAC 1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGAGCGGAA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACACCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTTAGGCGCAAATG 1267 GAAGTAGGGGATCTTGGCCGGGG 1268 CAACGTGGGCACCTCTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTCCAAGGCCCAA	1245	TTAACATTCGGACCCAGGACCTGG
1248 CGCAATGCCGTAAGCATGCCAAGC 1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGAGCGGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGA 1263 GCTGTGACACCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGACACCGTAGCCAGAG 1266 CCAACCCCAGTGTAGGCCAAATG 1267 GAAGTAGGGGAACCTTTTTAGCAG 1268 CAACGTGGGCACCTGTTTTTAGCAG 1269 CTAGCTGCGATCCGCCAAGCTGCG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1246	TGGTGTCGAACTCCCTTGCGTGTT
1249 AGTCCGCGCGAAATACGAACAGTA 1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGAGCGGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCACCTGTCAT 1261 GAGCCGATGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCAGGA 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGACCTACCG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1247	TACTCCAGTCGCCTGCGCGCAAAC
1250 ATGTTGCACGCGCACTGTATCACA 1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCACAGGA 1267 GAAGTAGGGGATGTTGGCCGGCG 1268 CAACGTGGGCACCTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1248	CGCAATGCCGTAAGCATGCCAAGC
1251 GGGATCAGCATCATTGGAAAGGAG 1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCACAGAGGA 1267 GAAGTAGGGGATGTTGGCCGGCG 1268 CAACGTGGGCACCTTTTAGCAG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1249	AGTCCGCGCGAAATACGAACAGTA
1252 ATCGCCTAACTACCCGCGGCGTGC 1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1250	ATGTTGCACGCGCACTGTATCACA
1253 TGGCCAGGGAACACAAGCTCGGTA 1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1251	GGGATCAGCATCATTGGAAAGGAG
1254 AAACATGGGTCGCGTCTGAGATCA 1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1252	ATCGCCTAACTACCCGCGGCGTGC
1255 GCGAGAGCTGCGATTCCCTTTTAG 1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1253	TGGCCAGGGAACACAAGCTCGGTA
1256 CCGGCCAAACAAGAGACGAGCGGA 1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1254	AAACATGGGTCGCGTCTGAGATCA
1257 AATGGGGCACAGTCTCGCTTGACA 1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1255	GCGAGAGCTGCGATTCCCTTTTAG
1258 TGTCTCGGGCCTTCAGGACACACT 1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1256	CCGGCCAAACAAGAGACGAGCGGA
1259 TCCACCTTCATTAAGTGGTTCGGC 1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1257	AATGGGGCACAGTCTCGCTTGACA
1260 GCTTCGGAATCATCCACCTGTCAT 1261 GAGCCGATGGGCTATCGTCGGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1258	TGTCTCGGGCCTTCAGGACACACT
1261 GAGCCGATGGGCTATCGTCGG 1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1259	TCCACCTTCATTAAGTGGTTCGGC
1262 CACGAATTACGCACGCACAGAGGA 1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1260	GCTTCGGAATCATCCACCTGTCAT
1263 GCTGTGACGCTCCCCTCAACTAGG 1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1261	GAGCCGATGGGCTATCGTCGTCGG
1264 CGCTCTGAAAACGCGGGCTACGTT 1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1262	CACGAATTACGCACGCACAGAGGA
1265 GAGTGCTGGACACCGTAGCCAGGA 1266 CCAACCCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1263	GCTGTGACGCTCCCCTCAACTAGG
1266 CCAACCCAGTGTAGGCGCAAATG 1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1264	CGCTCTGAAAACGCGGGCTACGTT
1267 GAAGTAGGGGATGTTGGCCGGCGG 1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1265	GAGTGCTGGACACCGTAGCCAGGA
1268 CAACGTGGGCACCTGTTTTAGCAG 1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1266	CCAACCCCAGTGTAGGCGCAAATG
1269 CTAGCTGCGATCCGAACCTCTACG 1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1267	GAAGTAGGGGATGTTGGCCGGCGG
1270 CATTGAACCATCAGCCAAGCTGCG 1271 AGACTGGCAATTTTTCGAGGCCAA	1268	CAACGTGGGCACCTGTTTTAGCAG
1271 AGACTGGCAATTTTTCGAGGCCAA	1269	CTAGCTGCGATCCGAACCTCTACG
	1270	
1272 CTGGCCGTCCATGAGTTGGTCCAG	1271	
	1272	CTGGCCGTCCATGAGTTGGTCCAG

1273 CATGCTGAAACACGGGATTGCCAT 1274 CGATATGTAAGACAGCCGTCGCAA 1275 AGCGTAACCTACTGGGAAGGCACC 1276 GTGCTCGTGGCACGTACAGGCCTT 1277 GTTCGAACCCCGCGATGTTAAATG 1278 GTTGTTAGGAGGCTCGAGGCTGCT 1279 ACTGGTGCTACGCGGGATATTTGA 1280 CTGGGAGCTATCCTCAGCCGAATC 1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGAGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGAGA 1295 TGGCTGGACATTGCTCCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAG		
1275 AGCGTAACCTACTGGGAAGGCACC 1276 GTGCTCGTGGCACGTACAGGCCTT 1277 GTTCGAACCCCGCGATGTTAAATG 1278 GTTGTTAGGAGGCTCGAGGCTGCT 1279 ACTGGTGCTACGCGGGATATTTGA 1280 CTGGGAGCTATCCTCAGCCGAATC 1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCAG 1285 GTGAGGCTTACCCCGTGCTTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGCTCAACAAGG 1290 CACTCGAGATCAATAAAAAG 1290 CACTCGAGATCAATGAGGCATGAT 1291 CTCGGGGATGCCTCTTTGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAAACCTGAA 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGATTCGCTC 1300 GGCAATTTCGGGGACATTCCCGA 1301 TTTGTGATTGGGGGTAAACCCGA 1302 CCCAGCTAATCCAGCTTTCACGGAT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1273	CATGCTGAAACACGGGATTGCCAT
1276 GTGCTCGTGGCACGTACAGGCCTT 1277 GTTCGAACCCCGCGATGTTAAATG 1278 GTTGTTAGGAGGCTCGAGGCTGCT 1279 ACTGGTGCTACGCGGGATATTTGA 1280 CTGGGAGCTATCCTCAGCCGAATC 1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGAGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATTAG 1291 CTCGGGGATGCCTCTTGGCATTA 1292 CGAAACGTGGTCAGAAACCTGAA 1293 GGAGTTCACAGAGTCGAAACCTGAA 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTTCTCGACGA 1296 ATCGGCTGCCTCAGTCCCAATGCA 1297 CCAGCATGGAGTTAAGTGAC 1298 TTCATATTTACGAATGCCGGTGC 1298 TTCATATTTACGAATGCCGGTGC 1299 CGAAATCGCACAGGATTCACCGA 1300 GGCAATTTCGGGGATAAACCCGA 1301 TTTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTTCA 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1274	CGATATGTAAGACAGCCGTCGCAA
1277 GTTCGAACCCCGCGATGTTAAATG 1278 GTTGTTAGGAGGCTCGAGGCTGCT 1279 ACTGGTGCTACGCGGGATATTTGA 1280 CTGGGAGCTATCCTCAGCCGAATC 1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGAGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGACAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCTCAGTCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGTGC 1300 GGCAATTCGGGGACACTCGTTCA 1301 TTTGTGATTGGGGGTAACCCGA 1302 CCCAGCTAATCCAGCTTGCCCTAATTT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1275	AGCGTAACCTACTGGGAAGGCACC
1278 GTTGTTAGGAGGCTCGAGGCTGCT 1279 ACTGGTGCTACGCGGGATATTTGA 1280 CTGGGAGCTATCCTCAGCCGAATC 1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGAGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGCAGAACCTGAA 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTAACCCGA 1302 CCCAGCTAATCCAGCTTGCCCTAATTT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1276	GTGCTCGTGGCACGTACAGGCCTT
1279 ACTGGTGCTACGCGGGATATTTGA 1280 CTGGGAGCTATCCTCAGCCGAATC 1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGAGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGCAGACCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGTGC 1299 CGAAATCGCACAGGAATTCCGCTC 1300 GGCAATTCGGGACACTCGTTCA 1301 TTTGTGATTGGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGAA	1277	GTTCGAACCCCGCGATGTTAAATG
1280 CTGGGAGCTATCCTCAGCCGAATC 1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGAGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGCTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACAGAGTCGAACCTGAA 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGTGC 1299 CGAAATCGCACAGGAATTCCGCTC 1300 GGCAATTCGGGACACTCGTTCA 1301 TTTGTGATTGGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCAGCTTCCGGAA	1278	GTTGTTAGGAGGCTCGAGGCTGCT
1281 GAACTCGCCGCTGCCGAAGGGTAG 1282 TTCGATCGAGGAGCAAGGAGAGTC 1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGA 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGACAGGT 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTCGGGGACACTCGTTCA 1301 TTTGTGATTGGGGGTAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1279	ACTGGTGCTACGCGGGATATTTGA
1282 TTCGATCGAGGAGCAAGGAGGTC 1283 GGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGACAGACCTGAA 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTCGGGACACTCGTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1280	CTGGGAGCTATCCTCAGCCGAATC
1283 GGGGAAAATTGAGGCCTTAGCCAT 1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGACAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTCGGGACACTCGTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGGGTAA	1281	GAACTCGCCGCTGCCGAAGGGTAG
1284 CTAAGGTCAAAGCGCTGTCGCCAG 1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1282	TTCGATCGAGGAGCAAGGAGAGTC
1285 GTGAGGCTTACCCCGTGCTCTTGG 1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGACAGACACCTGAC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1283	GGGGAAAATTGAGGCCTTAGCCAT
1286 CCGTAGCGGTGCTCGACCAGGTTC 1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGTGC 1300 GGCAATTCGGGACACTCGTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1284	CTAAGGTCAAAGCGCTGTCGCCAG
1287 TGGGGACGAATCCGAATGTAGTGA 1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGACCAGAAACCTGAA 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1285	GTGAGGCTTACCCCGTGCTCTTGG
1288 GTCATGTAATTGCATCCCACGGGT 1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGGCTAATTTCCGGGAA	1286	CCGTAGCGGTGCTCGACCAGGTTC
1289 CTTTGCGCGGTGGTCAATAAAAAG 1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1287	TGGGGACGAATCCGAATGTAGTGA
1290 CACTCGAGATTCAATGGGCATGGT 1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1288	GTCATGTAATTGCATCCCACGGGT
1291 CTCGGGGATGCCCTCTTGGCATTA 1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1289	CTTTGCGCGGTGGTCAATAAAAAG
1292 CGAAACGTGGTGCAGAAACCTGAA 1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1290	CACTCGAGATTCAATGGGCATGGT
1293 GGAGTTCACGAGTCGAGCAGTCGC 1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1291	CTCGGGGATGCCCTCTTGGCATTA
1294 AGCCGTTTTCAAAGATCTCGACGA 1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1292	CGAAACGTGGTGCAGAAACCTGAA
1295 TGGCTGGACATTGTCTGCAATGCA 1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1293	GGAGTTCACGAGTCGAGCAGTCGC
1296 ATCGGCTGCCTCAGTCCCTAATTT 1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1294	AGCCGTTTTCAAAGATCTCGACGA
1297 CCAGCATGGAGTTAAGTGAGCGCG 1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1295	TGGCTGGACATTGTCTGCAATGCA
1298 TTCATATTTACGAATGCCGGGTGC 1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1296	ATCGGCTGCCTCAGTCCCTAATTT
1299 CGAAATCGCACAGGAATTCGCGTC 1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1297	CCAGCATGGAGTTAAGTGAGCGCG
1300 GGCAATTTCGGGACACTCGTTTCA 1301 TTTGTGATTGGGGGTATAACCCGA 1302 CCCAGCTAATCCAGCTTGGGCTGT 1303 AAAATCGTTTGGCTGTAACGTCGC 1304 AGGAGATTCATCGACTTCCGGGAA	1298	TTCATATTTACGAATGCCGGGTGC
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20 25 25

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1775	GATTGGGAGGCATTCAGCGACGGA
1776	AGGAGGAAACGAGGGCGTAGGTTC

1777	GCCAAACAACGTCTGACGCCTAGC
1778	TTTAATGCGGAAAGGATGCACGCG
1779	TTATCGGCCGTTAAAATGGGATGG
1780	CCTTGGATTCGTTCATCGCTAGCA
1781	AAGTGAACGTGCAGTGGTCTTCGA
1782	TCCTTACCCCTCGTTCAAACGCCT
1783	ATTCCTGAACCATGCATGGCCTGT
1784	AGCGAGACGCTCGATCACGAACTA
1785	GCTGGTCTGGCTCGCTGTTTAGAA
1786	CGTGCGCGCATAAAGATAGGTCT
1787	TCTGGCACTCACATCGGACAGTCT
1788	ACCATTGGAGGACCACAGAGCTCC
1789	TCCAGGGTCGGAGTACATGGCGGG
1790	ATATGCCGTCGGATCGTACACGCA
1791	TGCTGGCGTCAACACTTCCCGATT
1792	CAGGGCGGTGCGTGAACTAGCCA
1793	CATGGACTGCCGTACATCAGCTGG
1794	CCGGCCATACGCTGGCAAGATTAC
1795	AGCGGACACCTGTACTCTCCTCCA
1796	GGAGCCACACCAGTCGAAGATGGT
1797	CGCCACCGGAAATTGAAAAGACTG
1798	TGAAACGGATGTTGCTTCTTGACG
1799	TTGAAGCGGTGAAGAGCCTGTCCT
1800	CGAACCAAGCTGCATTGTCAGTGG
1801	GAGTCTGCGCTTGCAATCTTTGCG
1802	GCTGGGTATAGTTGCCTGGCAATG
1803	GCAGGCGTTCCATATTCGCAACCC
1804	GCGCCAACTAATACCTCCACCGCG
1805	TGGCGTTCAGTGCAACGCTGGTTA
1806	CAAAACTGACGGGTATGGGAGCGC
1807	AGGTGTCGCTGGAACCCGACTTGT
1808	CTTCCAAAAGCGCAATTGGCTTTG
1809	TCGGGCTTCTCGCAATTCTGTCAG
1810	GCCAAAAGAATGCGCTGGGTAGGT
1811	TGGTGCCCGCACCGAGAGACTGTA
1812	CGAGGCCGTAGTGGGGACTGCTCT
1813	CGATCTGCGCATAGAGGGGACTTT
1814	TGTGCAATCGGCCTTCTCAGAGCC
1815	GATCACCTGGACCGCTACCGTTTT
1816	ATGGGGAGTTAAGGACCCTGCACC
1817	CATTGTGGACAGCCAATGGTGGCT
1818	CCATCACCATGCCACGGTAAGATC

1819 GCACCCGTGTCGTTGGTTAGCAAG 1820 GGAGTGGGTTCCGCGAATTCACTG 1821 GGGGATTTCCTTTCGCAGGCTCGA 1822 CATTGATCATGTGCACTTGCACCA 1823 AGCAGCGCTGCGCTTGTTTCGCAC 1824 CGAGTAACGCGGTTGCTTTGCGAA 1825 TGGCCTGGAACATAGGTGGAACTC 1826 CGCACACCAAGCGTTTATTGAGAA 1827 TCACCTTCACAGTGGGCATACAGC 1828 CAAATATCCCTGAGCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGAA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGGGCGCTACGCAATTGT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAATTGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACAGGAGAGCGCATAACAT 1840 CTGGACATGTTGTTTCCGCACTG 1841 AAGACCCGACTCTCGTCGTTTGCAC 1842 GCGCGGATTACACACCCCCGAG 1843 CACTGACCCGGACCCAA		
1821 GGGATTTCCTTTCGCAGGCTCGA 1822 CATTGATCATGTGCACTTGCACCA 1823 AGCAGCGCTGCGCTTGTTTCGGAT 1824 CGAGTAACGCGGTTGCTTTGCGAA 1825 TGGCCTGGAACATAGGTGGAACTC 1826 CGCACACCAAGCGTTTATTGAGAA 1827 TCACCTTCACAGTGGCCATCAGCC 1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTATATGCGGA 1831 ATCGTTTGGGCGCAAATGGACACGTT 1832 CCGATTGTCCCAAATGCACCGTT 1833 AAGGGTCAAGCTCATGGAGCAGATTT 1834 TCTGACGTCGTTCAAGGGCTCGTT 1835 CGCACCACTCCGAGGTTTTTTCT 1836 AAGGGTGAAAAAGGACAAGCCGA 1837 AAACCACGCAAATGCAACCAT 1838 CAGAAGGGATGACACCAT 1839 CATGACGAAATGCAACCAT 1840 CTGGACATGTTTGTTTCGCACTG 1841 AAGACCACTCCTGTCAAGGG 1841 AAGACCACTCTCGTCTTAAGTCG 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGACACCTAACAT 1844 AGTGCAAGTCTAGCACCCCGAGG 1845 GGTTGGTCCGAAACGTAACCAT 1846 GGTCGTCCCGAAACGTAACCAT 1847 GACTAGTAGACACGCCCGAG 1848 CCGACCTGACCAACCTAACAT 1848 CAGAAGTCTAGACACGCCCGAG 1849 TGCTCACCGAACCTACACTTATGG 1849 TGCTCACGAACTTAACCGGTTTCCGTA 1849 TGCTCACCGAACCTACAGGT 1849 TGCTCACCGAACCTACAGGT 1849 TGCTCACCGAACCTACAGGT 1849 TGCTCACCGAACCTACAGGT 1849 TGCTCACTGCCCACACTGTATGG 1850 CGAGCAACACATTCTTCCGCC 1851 TGGCACCGGTGGATTCTTTTTCTCACGC 1851 TGGCACCGGTGGATTCTTTTTCTA 1852 GAGGCACCGGTGAATCTTTTTTCACCC 1853 ATGCAGATGGATCTTTTTTTCACCC 1854 TGCACCGGGTGGATTCTTTTTTCACCC 1855 ATGCAGATGGATCTTTTTTTCCACCC 1856 CAATGCAGCTCGAACTTCCCCTCA 1857 AGGATCAGCCCTAGACCTACCCTGGACCCTGGACCCTGGACCCTGGACCCTGGACCCTGGACCCTGGACCCTGGACCCTGGACCCTGGACCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCTGGACCCCCCGACCCCCCACCCTGGACCCCCCCC	1819	GCACCCGTGTCGTTGGTTAGCAAG
1822 CATTGATCATGTGCACTTGCACCA 1823 AGCAGCGCTGCGCTTGTTTCGGAT 1824 CGAGTAACGCGGTTGCTTTGCGAA 1825 TGGCCTGGAACATAGGTGGAACTC 1826 CGCACACCAAGCGTTTATTGAGAA 1827 TCACCTTCACAGTGGGCATACAGC 1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATTTATGCGGA 1831 ATCGTTTTGCGTATATGCGGA 1831 ATCGTTTTGCCAAATGCAACGTT 1832 CCGATTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTCAAGGGCCGCAA 1835 CGCACCACTCCGAGGTT 1836 CAGAGGGTAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGTCAAGGGGAA 1838 CAGAAGGGATAAAAAGGAGAAAGCCGA 1839 CATGACGAAATGGCGAAATGCAACGTT 1848 CAGAAGGGATGACACTCATGGAGCGAA 1840 CTGGACATGTTTTTCGCCACTG 1841 AAGACCGCCATCCGTGTTCCAAGTG 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTTAACTG 1844 AGGCGACTCTCGTCGTTTCCGTA 1845 GGTGGTCCCGAAGTGCGGGTT 1846 GGTCGTCCCGAACCTAACAT 1847 GACTGACCGGACCCAACCTAACAT 1848 CCGACCTGCAGACCTAACAT 1849 TGCTCCCGAAACGTAAACGAGG 1847 GACTAGTACAGACACCCCGAG 1848 CCGACCTGCACCTTATGGCG 1849 TGCTCCCGAAACGTAAACGAGG 1847 GACTAGTACAGTCACAGGGTT 1848 CCGACCTGACCCTTGGACTGTTATGG 1850 CGAGGAAACACATTCTTCCGGCC 1851 TGCCACCGGGTGGATTCTTTTTCCACGC 1852 GAGGCACGGTGAATTCTTTCTCAGGGCC 1853 ATGCAGATGGATCTTTTTTTCAACGC 1854 TGCCACCGGGTGGATTCTTTTTCAACGC 1855 ATGCAGTGGAACCTTAACGCCCTGG 1856 CAATGCAGCTCGGAACTCCTGGGCC 1857 AGGATCAGCCCAACGTAACGGCC 1858 CACATCTTGGCCACACTGCCCTCAACGT 1858 CACATCTTGGCCACCCTGGAAACGTAACGGCCCGAG 1857 AGGATCAGCCCAACCTTACCCCCCAACGCCTGGGACCCAACCTTACGGCCCAACCCTTGGACCCCTGGGAACCCCTGGGAACCCCTGGGAACCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCTGGGAACCCCCCTGGGAACCCCCTGGGAACCCCCCCC	1820	GGAGTGGGTTCCGCGAATTCACTG
1823 AGCAGCGCTGCGCTTGTTTCGGAT 1824 CGAGTAACGCGGTTGCTTTGCGAA 1825 TGGCCTGGAACATAGGTGGAACTC 1826 CGCACACCAAGCGTTTATTGAGAA 1827 TCACCTTCACAGTGGCATACAGC 1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTAAGTG 1840 CTGGACATGTTTTTCCCACTG 1841 AAGACCGACTCTCGTCTTTCCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGACCCAACCTAACAT 1844 AGTGCAGGACCCAACCTAACAT 1845 GGTGTCCCGAACGTAAACGAGG 1846 GGTCGTCCCGAACGTAACGAGGT 1847 GACTAGTACGATCACGGGCGG	1821	GGGGATTTCCTTTCGCAGGCTCGA
1824 CGAGTAACGCGGTTGCTTTGCGAA 1825 TGGCCTGGAACATAGGTGGAACTC 1826 CGCACACCAAGCGTTTATTGAGAA 1827 TCACCTTCACAGTGGGCATACAGC 1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGACCCAACCTAACAT 1844 AGTGCACGGACCCAACCTAACAT 1845 GGTTGTCCGAAACGTAACGAGG 1846 GGTCGTCCGAACGTAACGAGG 1847 GACTGACCGGATCCTGTGTACAGGGT 1848 CCGACTGACCTGACC	1822	CATTGATCATGTGCACTTGCACCA
1825 TGGCCTGGAACATAGGTGGAACTC 1826 CGCACACCAAGCGTTTATTGAGAA 1827 TCACCTTCACAGTGGGCATACAGC 1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCGAG 1845 GGTTGGTGCGAATCCTGGACTGT 1846 GGTCGTCCCGAACGTAAACGAGG 1847 GACTAGTACACGGTCACCTGTTATGG 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTACTGCCC	1823	AGCAGCGCTGCGCTTGTTTCGGAT
1826 CGCACACCAAGCGTTTATTGAGAA 1827 TCACCTTCACAGTGGGCATACAGC 1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAACGTAAACGAGG 1847 GACTAGTACAGGTCACGGGGGGT 1848 CCGACCTGACCCTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGAT	1824	CGAGTAACGCGGTTGCTTTGCGAA
1827 TCACCTTCACAGTGGGCATACAGC 1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGCCACATTGT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCACTG 1841 AAGACCGACATCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACCCCGAG 1845 GGTTGGTCCGAACCTACACT 1846 GGTCGTCCCGAAACGTAACAGT 1847 GACTAGTACGATCCTGGACTGT 1848 CCGACCTGACCTAACGT 1849 TGCTCACTGCCCAACCTTATGG 1850 CGAGGAAACACTTTCTTCGGCC 1851 TGGCACCGGTGATTCTTTCTTCTTA 1852 GAGGCACCGTGATACTTTTTCGACGC 1853 ATGCAGATGATAGTGGTTTTTCAA 1854 TGCACCGGTGATACTTTTTCACCC 1855 ATGCAGTGCCAAACGTCAAGACC 1856 CAATGCAGCTCAGCAACCTCGGCC 1857 AGGATCAGTCAGCAGACCCTGGACCCTGGACCCCGGACCCACCC	1825	TGGCCTGGAACATAGGTGGAACTC
1828 CAAATATCCCTGAGCCCTCGAGCT 1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGTGAAAAAGGAGAGACCGA 1837 AAACCACGCAAATGCGATACCAT 1838 CAGAAGGGATGACCAT 1839 CATGACGAGAGCGGACCTGAGTG 1840 CTGGACATGTTTGTTCCGCACTG 1841 AAGACCGACTCTGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACCCGAG 1845 GGTTGGTGCGAGACCCGAG 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGCCGGT 1848 CCGACCTGACCTTTTTTCGCCCCTGT 1849 TGCTCACTGCCCACACTTATGG 1850 CGAGGAAACACATTCTTCGGCC 1851 TGCACCGGGTGATTCTTTCTA 1852 GAGCACCGGTGATTCTTTCCTA 1853 ATGCAGATGGATCTTCGGCC 1854 TGCGATAGCCAACGTTTCTTCGGCC 1855 ATGCGGTGCCAAACGTTCTCGCCCAGGACCCCCCCCCCC	1826	CGCACACCAAGCGTTTATTGAGAA
1829 GGGAGCTGGTGAGCAGATGTAACG 1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGCGATACCAT 1838 CAGAAGGGATGACCGCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTCCGTA 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGCCACCGGGTGGATTCTTGTTAG 1852 GAGGCACGATGATAGTGTTTTTCGACGC 1853 ATGCAGATGGATCTTTTTTCGACGC 1854 TGCGATAGCAAGATCTTGTTTTCGACGC 1855 ATGCAGATGGATCATGGGACCAGGACCAACGCAGGACCAACGTAAGAGAGACGCCAGCCA	1827	TCACCTTCACAGTGGGCATACAGC
1830 AGGATTGCTTTTGCGTTATGCGGA 1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAGCCGA 1837 AAACCACGCAAATGCGATACCAT 1838 CAGAAGGGATGACCGCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCTTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGCCACCGGTGAATCTTGTTTGCAC 1852 GAGGCACGATCATTTTTTCGACGC 1853 ATGCAGATGGATCTTTTTTCGACGC 1854 TGCGATAGCAAGGTCAAGGAGAC 1855 ATGCAGATGGATCTTTTTCGACGC 1856 CAATGCAGATCAAGAGTCAGGGAC 1857 AGGATCAGTGCAAAGTCAGGTCG 1857 AGGATCAGTGCAAACTCCCTCA 1858 CACATCTTGGCTGACCCTCAATGCCAGTAGACGAGAACAATCTTTTTCGACGC 1857 AGGATCAGTGCAAAAGAGTCAGGTCGAGACCAATGCCAGGACCAATGCCAGGACCAATGCCAGAACGAATCAGAGACCAATGCCAGGACCAATGCCAGGACCAATGCAAGAGACCAATGCCAGGACCAATGCAAGAACAATCAAT	1828	CAAATATCCCTGAGCCCTCGAGCT
1831 ATCGTTTGGGCGCTACGCAATTGT 1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCTGTTATGG 1850 CGAGGAAACACTTCTTCTCGGGCC 1851 TGGCACCGGTGATTCTTTCTA 1852 GAGGCACGGTGATACTTTTTCCACGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCAAAGAGTCGAGGAC 1855 ATGCAGATCCAAAGAGTCGAGGAC 1856 CAATGCAGCTCAAACTGCCCTGG 1857 AGGATCAGTGCAAACTGCCCTGA 1858 CACATCTTGGCTGACACTGCCTCA 1858 CACATCTTGGCTGACACTGCCTCA 1858 CACATCTTGGCTGACACTGCAGAA	1829	GGGAGCTGGTGAGCAGATGTAACG
1832 CCGATTTGTCCCAAATGCAACGTT 1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCTGTTATGG 1850 CGAGGAAACACTTTCTTCGGGCC 1851 TGGCACCGGTGATTCTTTCTA 1852 GAGGCACGGTGATTTTTTCGACGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCAAAGGTCGAGGAC 1855 ATGCAGATGGACCAACTGGACTGGACTGGACTGT 1856 CAATGCAGATCAAGAGTCAAGGACACTGTTTTTCAACGCCCAACCTGTTTTTCAACGCCCAACCTGTTTTTCAACGCCCCCCCAACCTGTTTTTCCACCCCCCAACCTGTTTTTCCACCCCCCCC	1830	AGGATTGCTTTTGCGTTATGCGGA
1833 AAGGGTCAAGCTCATGGAGCGGAA 1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCTTATGG 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCAAAGAGTCGAGGAC 1855 ATGCGGTGCCAAACGTCAGGGAC 1856 CAATGCAGCTCAGGAACTCCCTGG 1857 AGGATCAGTGCAAACGAGAC 1858 CACATCTTGGCTGCCACACTGTTATGG 1858 CACATCTTGGCTGCCACACTGCCTCAAGGACCGAACGACCTGCCTG	1831	ATCGTTTGGGCGCTACGCAATTGT
1834 TCTGACGTCGTTCAAGGGCTCGCT 1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTTATGG 1849 TGCTCACTGCCCACACTTATGG 1850 CGAGGAAACACTTTCTTCGGCC 1851 TGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCAAAGAGTCAAGGAC 1855 ATGCGGTGCCAAACGTAGGGCC 1856 CAATGCAGCTCAGAGACCTGCCTGG 1857 AGGATCAGTGCAAACGAGGCCTGG 1858 CACATCTTGGCACCCTCAATGCCCTCA 1858 CACATCTTGGCTGCCACACTGTTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1832	CCGATTTGTCCCAAATGCAACGTT
1835 CGCACCACTCCGAGGTATTTGTCT 1836 AAGGGGTGAAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCTGTTATGG 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATTCTTTTCGACGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGATCAGGGAC 1855 ATGCAGATGGATCTTTTTCGACGC 1856 CAATGCAGCCAAAGAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGCCACACTGTCCCTCA 1858 CACATCTTGGCTGCACCAGGAA 1859 CGCATTATCACCTCAATGCCAGTG	1833	AAGGGTCAAGCTCATGGAGCGGAA
1836 AAGGGTGAAAAAGGAGAAGCCGA 1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACAATTCTTCTCGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTCC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGGTCAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGCACATGCCCTCA 1858 CACATCTTGGCTGTCACCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1834	TCTGACGTCGTTCAAGGGCTCGCT
1837 AAACCACGCAAATGGCGATACCAT 1838 CAGAAGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACAATTCTTCTCGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGGTCAGGAC 1855 ATGCGGTGCAAACGTCAGGGAC 1856 CAATGCAGCTCGGAACTCCCTGG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGCACATGCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1835	CGCACCACTCCGAGGTATTTGTCT
1838 CAGAAGGATGACGCCTTAAGTCG 1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTCC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCAGATGGATCTTTTTCGACGC 1856 CAATGCAGCTCGGAACTCCCTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1836	AAGGGGTGAAAAAGGAGAAGCCGA
1839 CATGACGAGAGCGGACCTGAAGTG 1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTCC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCAGATGGATCTTTTTCGACGC 1856 CAATGCAGCTCGGAACTCACTGG 1857 AGGATCAGTGCACATGTCCCCACACTGTACAGGTCG 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1837	AAACCACGCAAATGGCGATACCAT
1840 CTGGACATGTTTGTTTCGCCACTG 1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGGGGGT 1848 CCGACCTGACCCTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGATCGAACTGCCTGG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1838	CAGAAGGGATGACGCCTTAAGTCG
1841 AAGACCGACTCTCGTCGTTTGCAC 1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1839	CATGACGAGAGCGGACCTGAAGTG
1842 GCGCGATTACATACCGTTTCCGTA 1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1840	CTGGACATGTTTGTTTCGCCACTG
1843 CACTGACCGGACCCAACCTAACAT 1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAACTCCCTCA 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1841	AAGACCGACTCTCGTCGTTTGCAC
1844 AGTGCAAGTCTAGACACGCCCGAG 1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1842	GCGCGATTACATACCGTTTCCGTA
1845 GGTTGGTGCGAGATCCTGGACTGT 1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1843	CACTGACCGGACCCAACCTAACAT
1846 GGTCGTCCCGAAACGTAAACGAGG 1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGCAAAGAGTCGAGGAC 1856 CAATGCAGCTCGGAACTCCCTGG 1857 AGGATCAGTGCACATGCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1844	AGTGCAAGTCTAGACACGCCCGAG
1847 GACTAGTACGATCACGGGGCGGGT 1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1845	GGTTGGTGCGAGATCCTGGACTGT
1848 CCGACCTGACCCTGTGTACAGGTT 1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGCGGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1846	GGTCGTCCCGAAACGTAAACGAGG
1849 TGCTCACTGCCCACACTGTTATGG 1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1847	GACTAGTACGATCACGGGGCGGGT
1850 CGAGGAAACACATTTCTTCGGGCC 1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1848	CCGACCTGACCCTGTGTACAGGTT
1851 TGGCACCGGGTGGATTCTTGTCTA 1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1849	TGCTCACTGCCCACACTGTTATGG
1852 GAGGCACGGTGATAGTGGTTGTGC 1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1850	CGAGGAAACACATTTCTTCGGGCC
1853 ATGCAGATGGATCTTTTTCGACGC 1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1851	TGGCACCGGGTGGATTCTTGTCTA
1854 TGCGATAGCCAAAGAGTCGAGGAC 1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1852	GAGGCACGGTGATAGTGGTTGTGC
1855 ATGGCGTGTCAGCGAACTGCCTGG 1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1853	ATGCAGATGGATCTTTTTCGACGC
1856 CAATGCAGCTCGGAAGTCAGGTCG 1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1854	TGCGATAGCCAAAGAGTCGAGGAC
1857 AGGATCAGTGCACATGTCCCCTCA 1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1855	ATGGCGTGTCAGCGAACTGCCTGG
1858 CACATCTTGGCTGTCACCCGAGAA 1859 CGCATTATCACCTCAATGCCAGTG	1856	CAATGCAGCTCGGAAGTCAGGTCG
1859 CGCATTATCACCTCAATGCCAGTG	1857	AGGATCAGTGCACATGTCCCCTCA
	1858	CACATCTTGGCTGTCACCCGAGAA
1860 ACATCCGCAGACTCCCTATAGCCC	1859	CGCATTATCACCTCAATGCCAGTG
	1860	ACATCCGCAGACTCCCTATAGCCC

20 25 25

1861	GTGAACCCGAACGAGGGGAGTCTC
1862	GCGTAGGGAATTTGCCTCACGACT
1863	TTTACGCGTCGCTCGGTTGTAGTG
1864	GAGAGGCGTCTAGGCGGTTCTAGC
1865	GCATGCTGATAACGAATGCTTCCC
1866	CTGAAGCTCGTGTGCGATGAGGGA
1867	ACAACGGCATGAGGAGGCTTTTTC
1868	TTTGGAGACGCCAGTACGCGTGGT
1869	GCTATCATTTGGTGTAAGCCCGCC
1870	TCAACATCCAGGGCGGTGCTTGGT
1871	TTCGATGTAATCCCCAAAGATGCC
1872	GGACCTTCGGCAGGTTATCGCCGT
1873	AGTAAGAAGAGGCAGGCCCCACCT
1874	AACGGCTCCCGTCGTACTGCTTA
1875	CCTATACCGTCGTGGTTCCACGTT
1876	CCGCGCAGGCGCTAATACTCAAGG
1877	AAATGGGCCAGTGAAATCCTTGGT
1878	ACGGTTTCGAATACTGCTGGGCAG
1879	CCGCTTGAGGTTCAGGTCAGAGCT
1880	ATCGTGCCCGAAGACACTTAAACG
1881	ACCTGAACCAGGGCGATTGCTTTA
1882	ACCCTATACGCTGGGCTAAGCGGG
1883	TGTTTCGCGACTAGAAGCCTTTGC
1884	GAAGTTGGCGGCTCACCCGTATTA
1885	TGGCTACACCGCTTAGGAGGAACC
1886	CCACAGTTGCGTGACTTACATCGC
1887	ACTGCCACTGCGTCTGAAGAGTGG
1888	GCGCCAGCAAATTTCGTGTGGTGT
1889	TGCCTCCGTCGAGCCGAATAGCCA
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1891	GCTTCCCTGGCTCTGAACGGAAAC
1892	CGGCTACCCAGGCAGATAAGCTGA
1893	GGTTGGACCCGACAGGGAATTTCC
1894	GGGGAATACCCGGCGTTTGTAATA
1895	TGGTTCGGTGAGGTTATGTTCGGT
1896	TCGGTAGGGTTCAGTCGCTGAGGA
1897	TTCGGAGTGTGCCGGTGCTAGTAC
1898	TCGTACTGGAATGATGGCCGGGCC
1899	TCCGTCGACCGTCCAGCGAAGTTT
1900	AGGGAATATAACAACACCGCGCAC
1901	ATGTCCCGGAAACCAGCTACCTCA
1902	ACCAGCGACTTAGATAGCCGTCCG

	
1903	GGAAAACCTCCTTTGCGTCAACCA
1904	ACGTGCGTGCATACCCAAGAGGAC
1905	ACGCCACTTTCCCTAGAACCAACG
1906	CGAAGTACGCAATAGTGCCACCCT
1907	GATCCCGGCGGATCACCTATCAAT
1908	AGAAAGCGACCGTTTCAGGCTAGC
1909	CGCTCCCTTTCATAGTCCTCTCCG
1910	GTGGGTGGTCATAACGACAGCAGA
1911	CTGGAGGCTGCATCGTTCGTAACA
1912	CACCATGAGTTTCGGAGCGAGGAT
1913	CAAGCTGCGTTCGATGAGAGATTG
1914	CCTGGGAGCAATGACCGCTCTGGT
1915	TCCGGCGCTCTACCAAGATGAGAC
1916	CGACCGCGTCGCGTATACTATCCG
1917	AACATTCGCTAGTGGGGTCCAACA
1918	TGTATGATCATCCGACCGAGCAGC
1919	AGTGCGCCGAGAGGGTGAATAGAC
1920	AGGCTTGTTCTGGACCAGCACCAT
1921	GGGGCCACATAAAGAATTCCGAAC
1922	TGGTGAAGATAAATCCGCATGGCA
1923	ATTTCCACCACGCTCTTGCCAAAT
1924	CGCGTAAAGCTGTCACCGATGACC
1925	TCCCCAACCGGTAACAACAGCGAC
1926	CCTCTGCTCGCCTTACACCCATGG
1927	CAAGCTGCTCCTGTGCTGAAGGGC
1928	AAACGAACGATGGTCGGTAGACCG
1929	TCAGTTCGATGGCTATTGCGCCTC
1930	GGCTCTCAACGGACGCAAATCATA
1931	AGTAGAGTGTTGCGGCTGCCGATC
1932	AGACACTAGACCGCCGTGACCTGA
1933	ACCGAGCACCGAATTTCCTTGTCC
1934	CCGTGGCCAAGATACGAACGAATT
1935	CCTCCTACAGCATCCACATGAGGG
1936	CACTCGGCAAATACGTATGCGCAT
1937	ACCGAGTTGAAGCACGAATTTGGG
1938	GACCACCTCGGAAGATCGTTCTGC
1939	TCAACTGGGCAAACGAAGAGCACA
1940	GCTTAGCCTCACACGTGCATACCA
1941	CTGCGGTCTCCAAGTACCATTTCG
1942	GTTCCGTATTACGGCGGCCATAAG
1943	ATCGACGCAACCGGATAGTCTCTG
1944	CGCAGATAAACCGGCATCTTTCAG

1945	ACCTGCCAATACGGGTCTACGGTT
1946	ACACCTGTTGCCATGCTGATCCGT
1947	AAACTGTCTACTGCGCAATTCCGC
1948	GCAACTAGCCCGTGCTAGGATCGT
1949	TCGTAGTGGTGGATTGTTGTGCGT
1950	GGCTTACTCCTCAATTGCGACACG
1951	CACGACTCCCTGCCAGATTTGATT
1952	CTTAGACGTCGGCAATGTCACGTC
1953	CTCAGAGCACAATCTGCCCTGCCT
1954	GCTAGGAAAGTCGGCATTCATGGG
1955	AAAGCCCCAAAATTCCGCCTAACC
1956	GCGCAACGCTAAGGGACTATCAAG
1957	CGTCCGCTGGGATGAGTCTCCTGC
1958	ACAGGCCTCGTGATTGGTGTGGGT
1959	CATTCTCCTTCCGGGACCACGCCT
1960	TCGGAGTTGACCAAGCTCAGTGCG
1961	ACGCGCCACTGCAATTGCAAACAC
1962	AGTTCATGGAGCCGGCGTATTGTT
1963	ACGTTTAATGCGGGGCCCGCCTAC
1964	TGAGGCTTTAGCCTACGCGCAGGT
1965	CAGCGTTATGAGCGCGGAGTTTAT
1966	GTCCACGTGACCACGGATAGTTGG
1967	GATTATGCTCCTACGCCTGCTCCG
1968	TCGTCAAGGGCATGATGTGTGGGA
1969	GATGGACCGCCAAAGACACCTTGA
1970	TACACGAGGATGGGGTCAAGCTTT
1971	ACACGCACAAAACGTTTGAAAGGC
1972	GTTATCGTGGGCCGATGGTACTGA
1973	ACATGACCGTATCCGCCTGCTTCG
1974	GAAGGCGAACCACTGAAACTACGC
1975	TGACTTTTGCAACGGGTGGAACCA
1976	TGAATTCGTAGGTTTTGGGTGCGG
1977	AGCATTTATGAAGCGGCCATTGCG
1978	TGCTCCTCGCGTTGGTACCGTGAG
1979	CGCAGCAAGAACAGCAACTGTTG
1980	AGACGCTTGGAGTGAAAACTCGGA
1981	CATTCGTAGAATGCCCCAAATGGA
1982	CCAGAAGGTTCGGGACCCGTCGTG
1983	GAGAAGCCGGTTCTCAGAGCACAT
1984	TTGCGTTGCAAGATATCTGGCCCG
1985	GGGTTGCATGTTCAGGCAAGACGA
1986	CTCACGAAGGTGACATATCACGCC

1987	GCCCGAGATACGGGTTCAAAAAGA
1988	CATCTTCGCGCTTCTTCACTCCGC
1989	TTACACGGTAAGCGTACGGCCGCC
1990	ACCTTCGGACAATGTGGCGTTCGC
1991	TGAATGGTTCTGCTAGGCCCACAC
1992	CACGCCTGTCTGACATATGGATGC
1993	CGCCTCAACCCAATCTGAGAACGT
1994	TTACGCTTACTGCGAGCTGGGTCC
1995	GGCTTGTGGGGCAATACGCATCTT
1996	CACTCTCCTTTGGATGCGGAACAA
1997	CTTCGAAGCACTTCAGACTTGGGC
1998	GACCAGCCATCACGTAACGGCCCT
1999	AGGAACCGGATGTGGTTATGGAGC
2000	ATCCATGGGCAACTGAGCCTATGC
2001	GGAACAGCACTTGTTACCGCCCAC
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2003	CAAACGTGAGGTCATGACCACCAT
2004	ACCGATGTCTTGAAGTCCGGAGGT
2005	CGAAAATGCATGATGATCTCCCCT
2006	TTTGGTATTCTCGCTGCACCGTTG
2007	GCGTACTCAACCACATTCCCGACC
2008	AGCAAACAACAGCGGTCCGAGCAT
2009	GGACTAGGAGCGGGGATAGCTGAG
2010	CCTTAACGAAAACCTGTCGACCGC
2011	CTCGATCGCATAAGCAAGAAACCG
2012	CCCGTTGTTTGGGCGACAAAAGT
2013	CGGCGCTCTCGCATGATCTCGTT
2014	CGGATGGAGAGGAGTCTACGTCCC
2015	ACCAAATCAGACTAGCGACTGCGG
2016	CAGAACAATATCGTGCGTCAACCG
2017	CCTTTGCGCGCTCCGAGTAAGGTA
2018	GGAAACGGCACCTATCTGTCGTGA
2019	CGACCGACAAAACCAAATGCCGCC
2020	CCAAGGGTGTGGGAGCTGAAGAGA
2021	TTAAGTGCGCATAGTCCTCGTGGG
2022	GCCTGGTGGGGTAAGTCATGATGC
2023	GAGCAGCAGATTGATGCGCTTATG
2024	TGCGCCAACTTCCGGAATATTTGC
2025	AACCCCATCATGAAATGCTCTCCG
2026	GTCCAACGGTACTGGCGTGATGTT
2027	ACTCGGCTGATCGTGAGATGGTGA
2028	ATTCGTGGGCGCATCTCGGAATGT

2029	TCCCGTCCTGTAATCCAGGGAACA
2030	CTTCGCTGCACCTACATTGCGCCA
2031	GCGTGTAGATGACTGTGCTTTGGG
2032	CTATGGTATCGAGACATCGGCGGA
2033	CCTCGTACTCCGTCGTATGCACAA
2034	TGGTGCGTCCGTAGTGCCTGCACT
2035	CGCGATCCTAGTTGAAAGCTTTGC
2036	ACGATCCAGGTGTTGGGCACTAAG
2037	CCAATCTAGGATACACCACGCCCG
2038	GATACGTGGGGTATAGGCGGGCCC
2039	CATGGAACAAACCGTCGTAGGGGA
2040	ACACTCGCGCAGTATTCGAGTCGT
2041	CTCAGTCTCGAAGGTGATCCGACC
2042	TCCCAATCCCCGTGGTATCGTCGT
2043	AATCAACGTAGTTCCGGTGGTCCG
2044	CTTAACAACCCAGGGGTTTGGGCT
2045	CCATCCTGAGAGTGACGGAGGTGC
2046	CTACCGCTGCATGGCGTTAGATTG
2047	TTATTGGTGGCGGACGGAGTGAGT
2048	TTAAGGGTGAACTCAACCGCGTGA
2049	TTTGATTGAAACGCTGCGCACTAC
2050	TCATGTGTAGGTCGCGGCCGTCAC
2051	CTCCGAACCTTCTGGGCCTCTTTT
2052	CTGTTGCCCATTGGCCCGACACTC
2053	CACGATCGCTGAGCAACACATCAC
2054	CGGATCATAAGCGTCCGCCTTCGT
2055	AGGTTAACGCAACATGTGATCCGC
2056	GGGAAAAACAGCTAAGCCTTGCGA
2057	ACTTATTGCCGGGATCCGTACACA
2058	TGCGGTCTGGAAAGGAAGGGAGGG
2059	GCTGCCACCTGGACATCGCATACA
2060	GCAGGCATGACAGTGGCGTAGTAC
2061	GCGGCCCTGATGGTTTGGCTGAGC
2062	TCCCCATTTAGTCCCCTCCATCAC
2063	GCAACACAAATGCGAGCGTAGGAG
2064	GGCGTTTGTATTCGAGCCACGTAG
2065	GGTAACGTCGCACGTGGAATTCCG
2066	ACTTCACAACGCTCCGTTGGACAC
2067	CCGAATTATAAAGCGCAAGGCACA
2068	GGACCCGATAAGACTCTGACGCCG
2069	ACCCGTTTCTCGTAGGAACCTGCT
2070	CACGTTCGACTGTATCTGGTTGCC

2071	CCTCGGATGGGCCCATGACCTTGA
2072	GGACGCCTGCTGTAGGGGTTTGAT
2073	CTCGAGCGTGGGCTAAAAGAGCAT
2074	TTTACTTCTTAGGGCGCGTTTGGG
2075	ACCACCAACATAGCGCGCACTAGT
2076	TGGTTACACGGCAGCCCGCGTAAG
2077	TTATGGTACGTTGCTGCGGG
2078	ACCGCGGATCTAACGAATCCCATT
2079	CATGATCCCGCCCTTAGGTTAAGC
2080	TACCGCTTCAAAGGGTTGCCGAAT
2081	GCACCGCGTCAATATTACCGAGGA
2082	GTGTCGCGGCTTTACAGAAGGAGA
2083	GCAAGCCATACCGCAATAAACTCG
2084	ATGAGGTCGTGCTGCGTTCACGAG
2085	CGAGACTAGTGCCGATGCAGGGTA
2086	GCCTCATCATAGACGCTGGATGCA
2087	GACAGGCGTCGGTAAGCTCTCAAG
2088	GCTACGAATCTTCCCTGTCGCCAC
2089	TTTGGCAGAACGTACCAGTGGGGT
2090	GGACAATAAGCACCGGAGAATGCG
2091	TCATGAACCTTCTGATGCCGCGAA
2092	CGCCGCATTACCTTAAAAACGTGC
2093	ACGAGTCCAACCGCCTCATTGATT
2094	GCGAAGAGTTGCTACTCTTCCGCC
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2113	GCTACGCCTCTGGAGGTGGTACCC
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2322	TTCGGCGCTAGTGGACGCCGTCAA

20 25

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2963	CCGACTTTCGTCCACGATTCCTCT
2964	ACTTGGCCGGACGACAGCAAAGAC
2965	CACCGCGGTAGATGTATCCCTTCC
2966	GTTAGCTTAGCTCGGCACGCCTG
2967	GCGCATAAGAAGGTCCGCTAAAGC
2968	ACATCATCACGCCTGGCGTGACCA
2969	CCGGCGAAGTTTGGTGTGATTAGA
2970	TGGGAAGGCAACATGAAAGTCCTT
2971	TGCACCGCCAGATTGTGCTGAGTC
2972	ACATGTGAAGTGAGTGCCGTCCAA
2973	CCTCTGGAGGGGATTAGCCACGCT
2974	CAATAGCCATGTCACTGGCAACGG
2975	ACCCATGGTTCCAACGTTCTTTCG
2976	AATCTGGTCTTGGCATCCTCCAAA
2977	GTATACCGGTGCATGCTGAAGCAA
2978	AGTGTTCTGGTTCGAGTCGACCCG
2979	CGGGTATTCGACACACGAGGAC
2980	AGTGCAACAGAGCGCTTGGTCACG
2981	TGCACCTATAGTTTGGTGCCGGTG
2982	TGCTCACGTACCAGGACACTCGAG
2983	AGTCCACACCTCGAACGACAGGCG
2984	CGCCGACCTGGTCAAAGAGCGCTA
2985	GCCTAAGGGCCTGTCGTTTTCCGA
2986	TGTGCGTGCTTATGTTCCGGTCTC
2987	CAACCGTTGGCCGTAACAAAAATC
2988	CGAGAATCAAGGCGTACCATCTCG
2989	GCGTAGGCAGCCTCCAGGGAATGG
2990	GATGGTGTTTTCGCCAAGACCAAT
2991	CAAGCTAGGGACAGAATTGCCCAC
2992	TAAATAGGCGAAACCGTTCGTGGC
2993	TCAAGACCCGCAATGTGTTCATGT
2994	GCGGCTGGTAGACTCTTTGCACAA

2995 CAGGCGTAAACCTGAACCAAACGG 2996 GCCGATCTGTGCTGAGGTTCATCA 2997 GATATCGCGTCGCAATATCACGCG 2998 CCCTGCACGATTAAGCCACCTGTA 2999 TGACATACAGATTTGTGTGGCCC 3000 GTTTGCGGCCGGTATTCACGATGT 3001 TTTTACCTGCCATTGGTGAGCTC 3002 CTCTACTCAATCAGGGTGGAGCG 3003 GGGTTGGAGGAGACCTTCGACCATT 3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAATGGACACAA 3009 TACGCCTTCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGACATCAAT 3011 CTGACCCGACATGAATGACTCCACC 3012 CTTACGCCACCGCATGAAGGGTGA 3013 CACATGGTAGAACTCGATCGACC 3014 CGCACCGGAAACTAGTGGCAC 3015 ACTATGGCAACCGACACTTGGTC 3016 CTAGTTTGCGCTACCACCTGCAA 3017 TAGTATCGCCTACCACCTGCAA 3018 CCAATATTTACGGCCTGATCAGC 3020 CAAAACTTGGCAGGCTTGCAA		<u></u>
2997 GATATCGCGTCGCAATATCACGCG 2998 CCCTGCACGATTAAGCCACCTGTA 2999 TGACATACAGATTTGTGTGGCCCC 3000 GTTTGCGGCCGGTATTCACGATGT 3001 TTTTACCTGGCCATTGGTGAGCTC 3002 CTCTACTCAATCAGGGTGGGAGCG 3003 GGGTTGGAGGGAGTCTTGACCATT 3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCACGCATGAAGGGTGA 3013 CACATGGTAGAACTCGATCGGCAC 3014 CGCACCGGAAACTAGTGGATCGCAC 3015 ACTATGGCAACCGACACTTGGTC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCTACCCACCTGCAA 3018 CCAATATTTACGGCCTGACAATAGCCTGG 3020 CAAAACTTGGCAGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATC	2995	CAGGCGTAAACCTGAACCAAACGG
2998 CCCTGCACGATTAAGCCACCTGTA 2999 TGACATACAGATTTGTGTGGCCCC 3000 GTTTGCGGCCGTATTCACGATGT 3001 TTTTACCTGGCCATTGGTGAGCTC 3002 CTCTACTCAATCAGGGTGGAGCG 3003 GGGTTGGAGGAGACCTCCATT 3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGACCATCAAT 3011 CTGACGCACGCATGAAGGGTGA 3012 CTTACGCGCACGCATGAAGGGTGA 3013 CACATGGTAGAACTCGACCGCAC 3014 CGCACCGGAAACTAGTCGCACC 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTCCAA 3017 TAGTATCGCCTACCACCTGCAA 3018 CCAATATTTACGGCTACCACCTGCA 3019 ATGGCTATCCCTTACTGGCTCCCC 3020 CAAAACTTGGCAGGCTTGGAACTTGAC 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCCGCACC	2996	GCCGATCTGTGCTGAGGTTCATCA
TGACATACAGATTTGTGTGGCCCC	2997	GATATCGCGTCGCAATATCACGCG
3000 GTTTGCGGCCGGTATTCACGATGT 3001 TTTTACCTGGCCATTGGTGAGCTC 3002 CTCTACTCAATCAGGGTGGAGCG 3003 GGGTTGGAGGGAGTCTTGACCATT 3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCCTGA 3010 CTGGCCGCTCGGCTAGACGACAATAGCCACC 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGCAC 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCTGACAATAGCCTGG 3018 CCAATATTTACGGCCTGACACTTGCC 3020 CAAAACTTGGCAGGCTTGAGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACCGCTCCCTCGT 3024 CACACTGGCAATCGCCTCCCTCGT 3025 <t< td=""><td>2998</td><td>CCCTGCACGATTAAGCCACCTGTA</td></t<>	2998	CCCTGCACGATTAAGCCACCTGTA
3001 TTTTACCTGGCCATTGGTGAGCTC 3002 CTCTACTCAATCAGGGTGGAGCG 3003 GGGTTGGAGGGAGTCTTGACCATT 3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAAATGGACACAA 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGACCACAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACCGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGCCTCAGGTT 3026 GCTGAACCACT	2999	TGACATACAGATTTGTGTGGCCCC
3002 CTCTACTCAATCAGGGTGGGAGCG 3003 GGGTTGGAGGGAGTCTTGACCATT 3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGCAC 3014 CGCACCGGAAACTAGTGGATGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGAACTTGAC 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCACCACAGACTTGC 3023 CGTTATTACCGATGCACCGTTCCTCGT 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGCACCGTTCAACATC 3028 TTTTT	3000	GTTTGCGGCCGGTATTCACGATGT
3003 GGGTTGGAGGGAGTCTTGACCATT 3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGCACC 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCTGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACTTGC 3023 CGTTATTACCGATGCACCGTTCCTCGT 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGCCTCAGGT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTG	3001	TTTTACCTGGCCATTGGTGAGCTC
3004 CGAGGTCGGTAAGGAAAAGCTTGC 3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGAACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACCGCTCCCTCGT 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGAGCAACCGGTCAAGATGC 3026 GCTGAACCACTGTGGTCAACAGGT 3027 CGTTGAGTACCACCGCTCAGCATC 3030 AGTAT	3002	CTCTACTCAATCAGGGTGGGAGCG
3005 CTTTACGCAGGCACCTCCGAGCTG 3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGACTGGCAG 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGAACACTGGCCG 3019 ATGGCTATCCCTTACTGGCTCC 3020 CAAAACTTGGCAGGCTTGGACTT 3021 AATGACCGAGGCTTGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGCGCCTCCTCGT 3026 GCTGAACCACTGTGGTCAAGATTGC 3027 CGTTGAGTACGACACGGTCAAGATTGC 3028 TTTTTCCGCCGCAATGGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTCGCCCCACAGCATCC 3031 TCTTGGGCTCGCTCAGCACCTCCCTCGT 3032 CCCTATATCGACCCCTCACACACCGGG 3031 TCTTGGGCTCGGTAGACACCGGCGAACACCGCTCCCTCCC	3003	GGGTTGGAGGGAGTCTTGACCATT
3006 CATTGTATGGCCACGTGATTGACG 3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGGA 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGCTTGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGCCTCCTCGT 3026 GCTGAACCACTGTGGTCAAGATTGC 3027 CGTTGAGTACGACACGGTCAAGATGC 3028 TTTTTCCGCCGCAATGGTCAAGATGC 3029 ACAATACCTCGACCGCTCAAGATTCAC 3029 ACAATACCTCGACCGCTCAAGATTCAC 3029 ACAATACCTCGACCGCTCAAGATTCAC 3030 AGTATCCCTGCTCGCTCAGCATC 3031 TCTTGGGCTCGCTCAGCATC 3032 CCCTATATCGACCCCTCAGCACT 3033 CACGAGTGGCATCAACACGGCGAACACTC 3034 TCTTGGGCTCGGTAGTTCAAGACCCCTCCTCCTCGT 3035 GCTGAACCACTGTGCAACACGGCGAACACCGGGGAACACACCGGGCGAACACCCCCC	3004	CGAGGTCGGTAAGGAAAAGCTTGC
3007 GTACGGTGCGAGAGCGCCTAAGCG 3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATCACACGTTGC 3024 CACACTGGCAATCGCCTCCTCGT 3025 AGGTTGGTAGGAAATCGGACGCT 3026 GCTGAACCACTGTGGTCAAGATTGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCAAG 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGGTCAAGATCAACGGG 3031 TCTTGGGCTCGGTAACCACGGG 3031 TCTTGGGCTCGGTAACCACGGGAACATCGGAGACATCGGAGACACGGGAACACGGGAACACGGGAACACGGGAACACGGGAACACACGGGAACACACGGGAACACACGGGAACACACGGGAACACACGGGAACACACGGAACACACACGGGAACACACGGAACACACGGAACACACACACACACACACACACACACACACACACACACA	3005	CTTTACGCAGGCACCTCCGAGCTG
3008 TTCCATATGCCGAAATGGACACAA 3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTTGGAACTTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCTCGT 3025 AGGTTGGTAGGAAATCGGACCTCCTCGT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATCAACACGGG 3031 TCTTGGGCTCGGCATCAACACGGGGA 3032 CCCTATATCGAGCCCACAAGGGCGA 3033 CACGAGTGGCATCAACGGCGAACACGGGGAACACGGGCGAACACGGGCGAACACGGGCGAACACGGCGAACACGGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACGGCGAACACACCAC	3006	CATTGTATGGCCACGTGATTGACG
3009 TACGCCTTCCGCTATAGCTCGTGA 3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATCACACGGG 3031 TCTTGGGCTCGGTAGACACCGGG 3031 TCTTGGGCTCGGTAGTTCAACACGGG 3032 CACGAGTGGCATCAACACGGCAACTC 3033 CACGAGTGGCATCAACACGGCCTACT 3034 TGCAGGGTCCGATGTTTCAAGTA 3035 GCTTGACCGCTGCAACCTCGTAC	3007	GTACGGTGCGAGAGCGCCTAAGCG
3010 CTGGCCGCTCGGCTAGCCATCAAT 3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATCACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAACTACGAGATACCTCGACCGCTACACTACACGGCAAGATACCTCGACCGCTAACACGGCGAAGATACCTCGACCGCTAACACGGCGAAGATACCTCGACCGCTAACACGGCGAAGAAATCCTGACCGCTAACACGGCGAAGAAACCACTGTGGTCAACACGGCGAAGAAACCACTGCAACCACTCGACCACCACCACCACCACCACCACCACCACCACCACCAC	3008	TTCCATATGCCGAAATGGACACAA
3011 CTGTACGCCACGCATGAAGGGTGA 3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACTTGC 3024 CACACTGGCAATCGCCTCCTCGT 3025 AGGTTGGTAGGAAATCGCACCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATCACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACACGCCTACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGCTAACCTCCTAC	3009	TACGCCTTCCGCTATAGCTCGTGA
3012 CTTACGCGTCCAATGACTGCCACC 3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTGT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGACACCTCGTAC	3010	CTGGCCGCTCGGCTAGCCATCAAT
3013 CACATGGTAGAACTCGATCGGCAG 3014 CGCACCGGAAACTAGTGGATGTT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACTGGCCACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGCAACCTCCTACCT	3011	CTGTACGCCACGCATGAAGGGTGA
3014 CGCACCGGAAACTAGTGGATGTT 3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGCTAACCTCGTAC	3012	CTTACGCGTCCAATGACTGCCACC
3015 ACTATGGCAACCGACACTTGGTCC 3016 CTAGTTTGCGCTACCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGAACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACACGGCTACT 3034 TGCAGGGTCCGATGTTTCAAGTA 3035 GCTTGACCGCTGCTAACCTCGTAC	3013	CACATGGTAGAACTCGATCGGCAG
3016 CTAGTTTGCGCTACCCACCTGCAA 3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATCAGCACC 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGCTACCTC	3014	CGCACCGGAAACTAGTGGATGTGT
3017 TAGTATCGCCCGACAATAGCCTGG 3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAACTA	3015	ACTATGGCAACCGACACTTGGTCC
3018 CCAATATTTACGGCCTGATCAGCG 3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACACGGCTACT 3034 TGCAGGGTCCGATGTGTTCAAGTA 3035 GCTTGACCGCTGCTAACCTCGTAC	3016	CTAGTTTGCGCTACCCACCTGCAA
3019 ATGGCTATCCCTTACTGGCTCGCC 3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGACCTCGTAC	3017	TAGTATCGCCCGACAATAGCCTGG
3020 CAAAACTTGGCAGGCTTGGGACTT 3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGCTAACCTCGTAC	3018	CCAATATTTACGGCCTGATCAGCG
3021 AATGACCGAGGCTGCAAGATTGAC 3022 ATCATCTTTCGCCACCAGACATGG 3023 CGTTATTACCGATGCACACGTTGC 3024 CACACTGGCAATCGCCTCCCTCGT 3025 AGGTTGGTAGGAAATCGGAGCGCT 3026 GCTGAACCACTGTGGTCAAGATGC 3027 CGTTGAGTACGACACGGTCGAGGT 3028 TTTTTCCGCCGCAATGTGATCTAA 3029 ACAATACCTCGACCGCTCAGCATC 3030 AGTATCCCTGCTGGCATACACGGG 3031 TCTTGGGCTCGGTAGTTCAGCACT 3032 CCCTATATCGAGCCCATAGGGCGA 3033 CACGAGTGGCATCAACGGCCTACT 3034 TGCAGGGTCCGATGTTCAAGTA 3035 GCTTGACCGCTGACCTCGTAC	3019	ATGGCTATCCCTTACTGGCTCGCC
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	3034	TGCAGGGTCCGATGTGTTCAAGTA
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3329	GGAAGAGAAACCGACAGTCGCGA
3330	GACGAACAAGAATTTGGGGCAACC

3331 CGTGCCCGCGAGTTCATGGTGCTA 3332 AAGAGAAACCCTTTCCGGAGCTCA 3333 TTTTAAATCTGCCGCCCTTCCATG 3334 TCTGAAGCAATTTGGCCTCCTCAA 3335 GATGCGCAAGAGGGTATTATGGGC 3336 GTGAAAATCTCGCAACTTCCTGGC 3337 ACGGGAAGCGGTGAATTGTTGGTA 3338 GCCCTACTATTGCCTTGGCAATGA 3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGGCGAGATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAAGCAAGATTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCCTGAAAGCAAAGTTATTG 3349 ATCCATCAGGAAAGAGAGATTATTG 3349 ATCCATCAGGAAAGACTGGTTCTC 3351 GCTTGGCAGAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGAGAGCCCCTTTGG 3354 GTCCTTTTGCCGATAGATTGAGTTCG 3355 TACCCTT		
3333 TTTTAAATCTGCCGCCCTTCCATG 3334 TCTGAAGCAATTTGGCCTCCTCAA 3335 GATGCGCAAGAGGGTATTATGGGC 3336 GTGAAAATCTCGCAACTTCCTGGC 3337 ACGGGAAGCGGTGAATTGTTGGTA 3338 GCCCTACTATTGCCTTGGCAATGA 3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGCGACACTCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGCCGACATGCTATGCC 3345 CGGCCTTGGAAGGACACATGGCG 3346 CGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATCGATTTGAG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTGGAG	3331	CGTGCCCGCGAGTTCATGGTGCTA
3334 TCTGAAGCAATTTGGCCTCCTCAA 3335 GATGCGCAAGAGGGTATTATGGGC 3336 GTGAAAATCTCGCAACTTCCTGGC 3337 ACGGGAAGCGGTGAATTGTTGGTA 3338 GCCCTACTATTGCCTTGGCAACTGA 3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGAGGACAGCGACGCTAA 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTAGCC 3345 CGGCTTTATAGGTCCAACATGCC 3345 CGGCTTTATAGGTCCAACATGCC 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACAGCAGAGTTATTG 3349 ATCCATCAGGAGAAGCTGGAT 3350 TTGCCAATGCGTAACATGGGG 3351 GCTTGGCAGAAGCGAGCTCACGTCC 3351 GCTTGGCAGAAGCGAGCTCTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCGCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAGAGGGGCGCT 3357 ATCGTGTCGGGGATCGATTTGAG 3358 ATCTCTCGTGCGGATCGATTTGAG 3359 AGAAGCCACATGTTAGTGCGGAGAGGAGCCCCTTTGG 3359 ATCGTGTCGGGGATCGATTTGAG 3361 CGCTCACAACGAGCTTACCATGG 3361 CGCTCACAACGAGCTTACCATGG 3362 TCTACGCTACGATCCGTTGCATCAGG 3364 ACAGGGCGTACTAGGAGCTTACCATGG 3365 TCTACGCTACGATCCGTTGCATCA 3366 ACAGGGCGTACTTGGCGGATATTGAGG 3366 TTAACACCGAAATGGGAGCTCC 3366 ACAGGGCGTACTTGGCGGATATTGAGGAGCTTACTCATGG 3366 ACAGGGCGTACTTGGAGATTTTGCGGAGATATTGAGGAGCTTTCCCGACTGG 3366 ACAGGGCGTACTTGGCAATCCGTTGCATCA 3366 ACAGGGCGTACTAGAGGCTCCCTTTCC 3366 ACAGGGCGTACTTGGCAATCCGTTGCATCA 3366 AGAAGACCTTGGCAATCCGTTGCAGTCA 3366 ACAGGGCGTATTAAAATGCGGTCTGA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTTTTGCGGATATGCGGTCGATTGCGGTATTGCCGGTTTTCCCGAGTCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTTTTGCGGATCACCGTTGCGTTTGCGGTATTGCCG 3369 ACTTTCAGCTCCCAGTAGCACCCA 3369 ACTTTCAGCTCCCAGTAGCACCCA 3370 GCGCATGGTGAGTCCGTTTGCCGGTATTGCCG 3361 GGGTCGTGTCAGAGGACAAACACCC	3332	AAGAGAAACCCTTTCCGGAGCTCA
3335 GATGCGCAAGAGGGTATTATGGGC 3336 GTGAAAATCTCGCAACTTCCTGGC 3337 ACGGGAAGCGGTGAATTGTTGGTA 3338 GCCCTACTATTGCCTTGGCAATGA 3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGGCGACATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCAGCCCCTTTGG 3354 GTCGTGTGCAGCCCGCATATGGAG 3355 TACCCCTGTTGCGGATAGATTCG 3356 TAGGGTAACAGAATGAGATGCG 3357 ATCGTGTCGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTTTAGTCCGAAG 3360 ATCTGCGTTAACT	3333	TTTTAAATCTGCCGCCCTTCCATG
3336 GTGAAAATCTCGCAACTTCCTGGC 3337 ACGGGAAGCGGTGAATTGTTGGTA 3338 GCCTACTATTGCCTTGGCAATGA 3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGGCGAGATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTGAAAGCAGAGTTATTG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCAATGTTAGTCCCGACTG 3361 CGCTCACAACGAGCTT	3334	TCTGAAGCAATTTGGCCTCCTCAA
3337 ACGGGAAGCGGTGAATTGTTGGTA 3338 GCCTACTATTGCCTTGGCAATGA 3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGGCGAGATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTGAAAGCAGAGTTATTG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGGTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCAATGTTAGTCCCGACTG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGAT	3335	GATGCGCAAGAGGGTATTATGGGC
3338 GCCCTACTATTGCCTTGGCAATGA 3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGGCGAGATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCCTATGCC 3345 CGGCTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAGCTGGTTCTC 3351 GCTTGGCAAGAGAGCTTCTC 3351 GCTTGGCAAGAGCGTAACCGAAC 3352 AGGCTCCAATGCTTAGCCCAAA 3353 GATACTAGGAGAGCCCCTTTGG 3354 GTCGTGCAGCGAGCCCCATTGGGG 3355 TACCCCTGTTGCGGATAGTCTC 3356 TAGCGTACAGAGAGCGGACCCCTTTGG 3357 ATCGTGTGCAGCCGCATATGAGGG 3358 ATCTCTCGTGCGGATAGATTGAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTAGG 3361 CGCTCACAACGATTAGTGCGGAG 3362 TCTACGCTTAACTGTCCCGACTGG 3363 TTTAACACCGAAATGGAGCGTCCC 3364 ACAGGGCGTACCTTTCC 3365 GTCGACCGTTTTGTGGGAGACTTCCATGG 3361 TTAACACCGAAATGGGAGCGTCC 3364 ACAGGCGTAGTAGGCGGATCAA 3366 AGAAGACCTTGGCAATCCGATCA 3367 TTGGGTGCTTACTGAGGAGCGTCC 3368 AGCGAAGTCGTTTTTTTCCAGAAGA 3369 ACTTTCAGCTCCCAGTAGCAGACAACACCC 3370 GCGCATGGTGAGTCCGTTTTCCGGATAGCACCCAAACACACCC	3336	GTGAAAATCTCGCAACTTCCTGGC
3339 GTAAATGGCAGGAAGCGGCTCTCG 3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGGCGAGATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAAGAGAGTTGTCT 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TACCCCTGTTGCGGATAGATGTCG 3357 ATCGTCTCGGGGATCGAATTTGAG 3358 ATCTTCTGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTG 3361 CGCTCACAACGAGTTACTCATGG 3362 TCTACGCTACGATCCGTTCC 3363 TITAACACCGAATTGGGA	3337	ACGGGAAGCGGTGAATTGTTGGTA
3340 AGGTGCCAAATAGTGGACTGCGGT 3341 TCGGATGGTAGGAGGCGAGATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCAGACTTGCTC 3351 GCTTGGCAGAAGCGAGCTTCC 3352 AGGCTCCAATGCTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCGAGCCCCTTTGG 3355 TACCCCTGTTGCGGATAGATGCGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGATAGATTTGAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCAGAAG 3363 TTTAACACCGAAATGGGAGCGCCCTTTCC 3364 ACAGGGCGTAGTAGGAGCGTCC 3365 GTCGACCGTGTTTTTTTTTTCCAGGATATTTCCC 3366 ACAGGCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	3338	GCCCTACTATTGCCTTGGCAATGA
3341 TCGGATGGTAGGAGGCGAGATCGG 3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAACCAGACTTCC 3351 GCTTGGCAGAAGCGTACACTAGG 3352 AGGCTCCAATGCTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTCAGCGCAAA 3355 TACCCCTGTTGCGGATAGATGCG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGCGCCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGATCGAATTTGAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTCCCTATGG 3362 TCTACGCTACAACGAGCTTCCATGG 3363 TTTAACACCGAAATGGGAGCGCCCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCTTGCGAATCCGTTCC 3367 TTGGTGCTGCAATCCGTTCCAGATCC 3368 AGCGAACCCTTGCAATCCGATCCATGA 3369 ACTTTCAGCTCCAGTAGCACCCCTTTCC 3369 ACTTTCAGCTCCAGTAGCACCCAACCACCAACCACCAACCA	3339	GTAAATGGCAGGAAGCGGCTCTCG
3342 GAGGTGAAGGAACAGCGACGCTAA 3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCCGGAGG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGAATCGGTGCCC 3363 TTTAACACCGAAATGGGAGCGCCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCT	3340	AGGTGCCAAATAGTGGACTGCGGT
3343 ACCGTCGTTACCGCTCTGGTGTCG 3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTTATAGGTCCAACATGCGG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGATCGATTTGAG 3358 ATCTCTCGTGCGGATCGAATTTGAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCGTTTCCATCA 3363 TTTAACACCGAAATGGGGGCGCTC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGATAT 3366 AGAAGACCTTGGCAATCCGTTCCC 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTTTGTGGGGGATCA 3369 ACTTTCAGCTCCCAGTAGCACCCA 3370 GCGCATGGTGAGTCCGTTTTGCCG 3371 GGGTCGTCCAGAGGACCACCC	3341	TCGGATGGTAGGAGGCGAGATCGG
3344 TTCCAATGTCCGACATGCTATGCC 3345 CGGCTTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCGGTTCATCA 3363 TTTAACACCGAAATGAGGCGCTCC 3364 ACAGGCCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGAATAT 3366 AGAAGACCTTGGCAATCCGAGTCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTTTGACGCCGATCG 3369 ACTTTCAGCTCCCAGTAGCACCCA 3370 GCGCATGGTGAGCCCCATTTGCCG 3371 GGGTCGTCCAGAGGACCAACACCC	3342	GAGGTGAAGGAACAGCGACGCTAA
3345 CGGCTTTATAGGTCCAACATGGCG 3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCTTGGCAATCCGAGTCA 3367 TTGGGTGCTTAAAATGCGGTCTAA 3368 AGCGAAGTCGTATTGACGTCCGA 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGCCCGCTATTGCCG 3371 GGGTCGTGCAGAGGACAAACACC	3343	ACCGTCGTTACCGCTCTGGTGTCG
3346 CCGGCCTGGAAAGCAGAGTTATTG 3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCCCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGGCGCTTTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCTTGGCAATCCGATCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGTCGGT 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGGCCCCTATTGCCG 3371 GGGTCGTCCCAGAGGACAACACCC	3344	TTCCAATGTCCGACATGCTATGCC
3347 TTTATCGTTCAACGCTCACGTCCC 3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTTTTGTGGGGGATAT 3366 AGAAGACCTTGGCAATCCGATCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGTCGGT 3369 ACTTTCAGCTCCCAGTAGCACCCA 3370 GCGCATGGTGAACACCC	3345	CGGCTTTATAGGTCCAACATGGCG
3348 AGACCCGCTGAACGGAGCTTGGAT 3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGCCCCTTTGG 3354 GTCGTGTCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTTGGGGGGATAT 3366 AGAAGACCTTGCAATCCGTTCC 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGGTCA 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGTCCGTATTGCCG 3371 GGGTCGTGCAGAGCACACACCC	3346	CCGGCCTGGAAAGCAGAGTTATTG
3349 ATCCATCAGGAGAAAGCTGGCTCA 3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGGATAT 3366 AGAAGACCTTGGCAATCCGAGTCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGTCCGAT 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGGCCCCTATTGCCG 3371 GGGTCGTGTCAGAGGACAAACACC	3347	TTTATCGTTCAACGCTCACGTCCC
3350 TTGCCAATGCGTAAATCGGTTCTC 3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAGG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCTTGGCAATCCGAGTCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGTCGGT 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGGCCCCTATTGCCG 3371 GGGTCGTGTCAGAGGACAAACACC	3348	AGACCCGCTGAACGGAGCTTGGAT
3351 GCTTGGCAGAAGGCGTACACTAGG 3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCTTGGCAATCCGATCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGTCGGGT 3369 ACTTTCAGCTCCCAGTAGCACCCA 3370 GCGCATGGTGAGTCCGTATTGCCG 3371 GGGTCGTGTCAGAGGACAAACACC	3349	ATCCATCAGGAGAAAGCTGGCTCA
3352 AGGCTCCAATGCTTTAGCCGCAAA 3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCTTGGCAATCCGATCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGGT 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGTCCGTATTGCCG 3371 GGGTCGTGTCAGAGGACAACACC	3350	TTGCCAATGCGTAAATCGGTTCTC
3353 GATACTAGGAGCGAGCCCCTTTGG 3354 GTCGTGTGCAGCCGCATATGGAGG 3355 TACCCCTGTTGCGGATAGATGTCG 3356 TAGGGTAACAGAATGAGGGGCGCT 3357 ATCGTGTCGGGGATCGAATTTGAG 3358 ATCTCTCGTGCGGTCTTGCAGAAG 3359 AGAAGCCACATGTTAGTGCGGAG 3360 ATCTGCGTTAACTGTCCCGACTGG 3361 CGCTCACAACGAGCTTACTCATGG 3362 TCTACGCTACGATCCGTTGCATCA 3363 TTTAACACCGAAATGGGAGCGTCC 3364 ACAGGGCGTAGTAGGCCGCTTTCC 3365 GTCGACCGTGTTTGTGGGGGATAT 3366 AGAAGACCTTGGCAATCCGATCA 3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGTGCGGT 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGGCCGCTATTGCCG 3371 GGGTCGTGCAGAGCACACCC	3351	GCTTGGCAGAAGGCGTACACTAGG
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3367 TTGGGTGCTTAAAATGCGGTCTGA 3368 AGCGAAGTCGTATTGACGTGCGGT 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGTCCGTATTGCCG 3371 GGGTCGTGTCAGAGGACAAACACC	3365	GTCGACCGTGTTTGTGGGGGATAT
3368 AGCGAAGTCGTATTGACGTGCGGT 3369 ACTTTCAGCTCCCAGTAGCACGCA 3370 GCGCATGGTGAGTCCGTATTGCCG 3371 GGGTCGTGTCAGAGGACAAACACC	3366	AGAAGACCTTGGCAATCCGAGTCA
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	3370	GCGCATGGTGAGTCCGTATTGCCG
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3667 TTGGACGTCCTCCGAATATTGGCA 3668 GGTAAGTGCGGGAAGTACGCTGAC 3669 CCGCCTGAACCGTCGTAGGGATTA 3670 CGTTTTTGAGTAAGGATTGGCGA 3671 TGTGGTATTGAGGCATAGGTGCA 3672 TCCGGAAGGAGGCGCGATTGGC 3673 GTTGAGCGAATCGGACGCGCTTTAC 3674 TGAGTCTCCGAACGACAACCGG 3675 AGTGAAGAGGGAGAGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACGTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGAGGCTGACTCTCTTCAGCTGC 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGACCAACC 3681 TTGGTGATCACTGATGCCAGACC 3682 TATCTCCCCGGGGTATCCCTGTCG 3683 CCGAGGGACCGATTCCATTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATACAGCAGGTGCCCTTTTG 3686 GTAGGAGCACACATTCGGATTCG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGACCAGACGGTTTT 3690 CGTAAGCGGGATCAGCAGTTTTG 3691 CGCGGGAGGATCAGCATGCTTGGACT 3692 AAAGCATTCCAGAAA		
3669 CCGCCTGAACCGTCGTAGGGATTA 3670 CGTTTTTGAGTAAGGATTGGCCA 3671 TGTGGTATTGAGGCATAGGTGGCA 3672 TCCGGAAGGAAGGCGCGATATGGC 3673 GTTGAGCGAATCGGACGGCTTTAC 3674 TGAGTCTCCGAACGACAAGCGATC 3675 AGTGAAGAGGGAGAGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACGTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCAAT 3680 CTAGGCCTGCCATCACTAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTTCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCAGCCCTTTTG 3688 GTACCAGGGGGTTGCTCCAAGGG 3689 TGACCAGGGGGTAGGTGTGCTAC 3691 CGCGGGGAGGATCAGCAGTTTTG 3692 AAAGCGAGGGGATCAGCAGGTTTTG 3693 AAGAGCAGTTCGAGAAGGCCATG 3694 TGCCCTCATTACGA	3667	TTGGACGTCCTCCGAATATTGGCA
3670 CGTTTTTGAGTAAGGATTGGGCGA 3671 TGTGGTATTGAGGCATAGGTGGCA 3672 TCCGGAAGGAAGGCGCGATATGGC 3673 GTTGAGCGAATCGGACGGCTTTAC 3674 TGAGTCTCCGAACGACAAGCGATC 3675 AGTGAAGAGGGAGAGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACGTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGATTCGATCT 3685 TGATGATAGAGCAGGGTGCCCTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 TGACCAGGCGGTTGCTCCAAGG 3689 TGACCAGGCGGATCAGCAGTTTT 3690 CGTAAGCGGCGTAGGTTGCTCCAAGG 3691 CGCGGGGAGGGATCAGCAGTTTT 3692 AAAGCGTATCCAGAAAGCCATGG 3693 AAGAGAGAGCATCATTTGGACGT 3694 TGGCCATTTACGAC	3668	GGTAAGTGCGGGAAGTACGCTGAC
3671 TGTGGTATTGAGGCATAGGTGGCA 3672 TCCGGAAGGAAGGCGCGATATGGC 3673 GTTGAGCGAATCGGACGGCTTTAC 3674 TGAGTCTCCGAACGACAAGCGATC 3675 AGTGAAGAGGAGAGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACCGG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCCTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGCGGTGTGCTCCAAGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGCGGACCAGACGGTTTT 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGACGAGGATCAGCAGTTTT 3694 TGGCCATTTGCGGGAGGTGACTA 3695 AACGCCGAATTGAGG	3669	CCGCCTGAACCGTCGTAGGGATTA
3672 TCCGGAAGGAAGGCGCGATATGGC 3673 GTTGAGCGAATCGGACGGCTTTAC 3674 TGAGTCTCCGAACGACAAGCGATC 3675 AGTGAAGAGGGAGGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACCTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGGGGTGTGCTCCAAGGG 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATTGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGCCTTA 3695 AACGCCGAATTTGAGAATGCCC 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGGAT	3670	CGTTTTTGAGTAAGGATTGGGCGA
3673 GTTGAGCGAATCGGACGGCTTTAC 3674 TGAGTCTCCGAACGACAAGCGATC 3675 AGTGAAGAGGGAGGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACCTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGTAGGTGTGCTAC 3691 CGCGGGGAGCGACCAGACGGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGCCTTA 3695 AACGCCGAATTGAGGAGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3698 AGGAATTCTAG	3671	TGTGGTATTGAGGCATAGGTGGCA
3674 TGAGTCTCCGAACGACAAGCGATC 3675 AGTGAAGAGGGAGAGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACGTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACACTTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGGGGTAGGTTGCTAC 3691 CGCGGGGAGCGAACAGTTTTT 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGACGTATCCAGAAAGGCCATGG 3694 TGGCCATTTGCGGAGAGTGCTTA 3695 AACGCCGAATTGAGGAGGCGTTA 3696 GCCTCATTACGACATTGGAAATGCCC 3697 TCGAACGCGATTTTTGGAAATCCC 3698 AGGAATTCTAGCCGAAAGCCTGC 3699 TCCGCTGTTTGGTT	3672	TCCGGAAGGAAGGCGCGATATGGC
3675 AGTGAAGAGGGAGAGTCCAACCCG 3676 GTGAAGCCTGACGAATCCAACGTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGGGGTAGGTTCCAAGGG 3689 TGACCAGGGGGTACGACAGATTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGAGAGTGGCTTA 3695 AACGCCGAATTGAGGAGCGGTTA 3696 GCCTCATTACGACATTGGCACCTGC 3698 AGGAATTCTAGCCGAAAGCCTGC 3699 TCCGCTGGTT	3673	GTTGAGCGAATCGGACGGCTTTAC
3676 GTGAAGCCTGACGAATCCAACGTG 3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGGTGGCTCCAAGGG 3689 TGACCAGGGGGACCAGACGGTTTT 3690 CGTAAGCGGGGACCAGACGGTTTT 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGACAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGAAGCCCTGC 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAAGCCCTGC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCCT	3674	TGAGTCTCCGAACGACAAGCGATC
3677 GTGCAGGCCTGTATCCCCATGACT 3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGACAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGAAGCCCTGC 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAGCCTGC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCCTCCGTCCGATAGTATCA 3701 TGTGCAAGG	3675	AGTGAAGAGGGAGAGTCCAACCCG
3678 GTGGGTTTCCTACACACCGGATGA 3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGTAGGTGTGCTAC 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAAGCCCTGC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCCTCCGTCCGATAGTATCA 3701 TGTGCAAGGACGCAACCTGGGAGAAG 3702 GGACAAG	3676	GTGAAGCCTGACGAATCCAACGTG
3679 GCGCCGTCGACTCTCTTCAGCTGC 3680 CTAGGCCTGCCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGCC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACCACTTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGCCCTTTTG 3689 TGACCAGGGGGTGCCTCCAAGGG 3689 TGACCAGGGGGTAGCTGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCACATTGGCAGCAT 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACCGAAAGCCATCCA 3704 TGCACGCAGGTGGAAAGCAGCTT 3705 AGATTGTGGGAGATTGCACCT 3706 AACAGCAGTGAGAGGCTTGAACCACTTGGAACGCTCCC 3706 AACAGCAGTGAGAGGCTTCACTCCATTCACGCTCCAT	3677	GTGCAGGCCTGTATCCCCATGACT
3680 CTAGGCCTGCATCACTGAGCAAT 3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGCCCTCTTTG 3689 TGACCAGGGGGTGTGCTCCAAGGG 3690 CGTAAGCGGGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGACCT 3694 TGGCCATTTGCGGAGGTGGCTTA 3695 AACGCCGAATTGAGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACCGAAAGCCTCC 3704 TGCACGCAGTGGAAAGCAGCTT 3705 AGATTGTGGGAGTTTCACCCCC 3706 AACAGCAGTGAGAGCTTGCACTTC 3707 CTGCCTGTTTCCTTCACGCTCCAT	3678	GTGGGTTTCCTACACACCGGATGA
3681 TTGGTGATGACTCATGGCCAGACC 3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACACTTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGGGGTGTGCTCCAAGGG 3690 CGTAAGCGGCGACCAGACGGTTTT 3690 CGTAAGCGGCGAACAGATTTTG 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGAGAGCCGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACCGAAAGCATTCCA 3704 TGCACGCAGGTGGAAAGCAGCTT 3705 AGATTGTGGAGTTTCACCCCTCC 3706 AACAGCAGTGAGAGCTTGG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3679	GCGCCGTCGACTCTCTTCAGCTGC
3682 TATCTCCCGCGGGGTATATTACCG 3683 CCGAGGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGGTGCCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGCGAACCTGGGAGAAG 3703 ATGCGGTGGCTACGACATTCCA 3704 TGCACGCAGGTGGAAAGCAGCTT 3705 AGATTGTGGGAGTTGCACCC 3706 AACAGCAGTGAAGCCTCC 3707 CTGCCTGTTTCCTTCACGCTCCAT	3680	CTAGGCCTGCCATCACTGAGCAAT
3683 CCGAGGACACGTATCCCTGTTCG 3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGCTCCAAGGG 3689 TGACCAGGGGGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGTAGGTGTGCTAC 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTTCACGCTCC 3706 AACAGCAGTGAAGCTTGG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3681	TTGGTGATGACTCATGGCCAGACC
3684 TATCCCGCAGCACGCATTCGATCT 3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGAGCAGCAGTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCCGGACTATCCA 3704 TGCACGCAGCTGGAAAGCCAGCCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGAGCCTCC 3707 CTGCCTGTTTCCTTCACGCTCCAT	3682	TATCTCCCGCGGGGTATATTACCG
3685 TGATGATAGAGCAGGGTGCCGTCA 3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACAAGCCCTCC 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3683	CCGAGGGACACGTATCCCTGTTCG
3686 GTAGGAGCACACATTCGGATTCGG 3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGAGCAGATTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACATATCCA 3704 TGCACGCAGGTGAAAGCAGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3684	TATCCCGCAGCACGCATTCGATCT
3687 CCCTTACTACGCCCAGCCCTTTTG 3688 GTACCAGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGACCAGACGGTTTT 3691 CGCGGGGAGGAGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTATCCA 3704 TGCACGCAGGTGAAAGCAGCTT 3705 AGATTGTGGAGGTTTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3685	TGATGATAGAGCAGGGTGCCGTCA
3688 GTACCAGGGGTGTGCTCCAAGGG 3689 TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGTAGGTGTGCTAC 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGCAACCCTGGGAGAAG 3703 ATGCGGTGGCTACGGACAAGCCTT 3704 TGCACGAGGGCAACCTGGGAGAAG 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTTCACGCTCCAT	3686	GTAGGAGCACACATTCGGATTCGG
TGACCAGGCGGACCAGACGGTTTT 3690 CGTAAGCGGCGGTAGGTGTGCTAC 3691 CGCGGGGAGGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACAAGCCCTCA 3704 TGCACGCAGGTGGAAAGCAGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3687	CCCTTACTACGCCCAGCCCTTTTG
3690 CGTAAGCGGCGGTAGGTGTGCTAC 3691 CGCGGGGAGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACAAGCCTCC 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3688	GTACCAGGGGTGTGCTCCAAGGG
3691 CGCGGGGAGGATCAGCAGTTTTG 3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGAAAGCAGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3689	TGACCAGGCGGACCAGACGGTTTT
3692 AAAGCGTATCCAGAAAGGCCATGG 3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3690	CGTAAGCGGCGGTAGGTGTGCTAC
3693 AAGAAGAGACGCATGCTTGGACGT 3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3691	CGCGGGGAGGATCAGCAGTTTTG
3694 TGGCCATTTGCGGGAGGTGGCTTA 3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGAAAGCAGGCTT 3705 AGATTGTGGGAGATGATCCCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3692	AAAGCGTATCCAGAAAGGCCATGG
3695 AACGCCGAATTGAGGAGGCGGTTA 3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3693	AAGAAGAGACGCATGCTTGGACGT
3696 GCCTCATTACGACATTGGCAGCAT 3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3694	TGGCCATTTGCGGGAGGTGGCTTA
3697 TCGAACGCGATTTTGGAAATGCCC 3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3695	AACGCCGAATTGAGGAGGCGGTTA
3698 AGGAATTCTAGCCGAAAGCCCTGC 3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3696	GCCTCATTACGACATTGGCAGCAT
3699 TCCGCTGGTTGGGTGCTCTGGTTG 3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3697	TCGAACGCGATTTTGGAAATGCCC
3700 GTCGCGCTCCGTCCGATAGTATGA 3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3698	AGGAATTCTAGCCGAAAGCCCTGC
3701 TGTGCAAGGACGGATGATTGCACT 3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3699	TCCGCTGGTTGGGTGCTCTGGTTG
3702 GGACAAGCGGCAACCTGGGAGAAG 3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3700	GTCGCGCTCCGTCCGATAGTATGA
3703 ATGCGGTGGCTACGGACTAATCCA 3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3701	TGTGCAAGGACGGATGATTGCACT
3704 TGCACGCAGGTGGAAAGCAGGCTT 3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3702	GGACAAGCGGCAACCTGGGAGAAG
3705 AGATTGTGGGAGTTGTCACGCTCC 3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3703	ATGCGGTGGCTACGGACTAATCCA
3706 AACAGCAGTGAGGGCTGAAGCTTG 3707 CTGCCTGTTTCCTTCACGCTCCAT	3704	TGCACGCAGGTGGAAAGCAGGCTT
3707 CTGCCTGTTTCCTTCACGCTCCAT	3705	AGATTGTGGGAGTTGTCACGCTCC
	3706	AACAGCAGTGAGGGCTGAAGCTTG
3708 CCAATCCACTTGAGTCAACTTGCG	3707	CTGCCTGTTTCCTTCACGCTCCAT
	3708	CCAATCCACTTGAGTCAACTTGCG

3709	CATTCTACCGCCCAACTTTTGCAA
3710	CGGAGAACCATGCTGAGCAGTCCA
3711	GACTGTTCCTCCAGAAAGGCGCAT
3712	AAATAATTGCTCCACGCGAAGCGC
3713	GGGCCTGGAAGACCAACCAAATAC
3714	ACGACGCGAGCACGTAGATATCAA
3715	TACGGGATCCTCGTGGCTACATCT
3716	CAAAGTCTCCCCGACCGAGTTGAC
3717	CCCGAGGCGAAGATCTCTAGGCAC
3718	CAAAATTCTCGCCACGAGACCCTA
3719	CTGTGCGCATTCCAAACACATCAC
3720	CATGGAAATGCCAGCTGCCTCCAT
3721	CGCGAAACCACAGTCCTCGTCGGG
3722	GTCCGCAGCTGTCCCGACATTGGT
3723	GTCTCATTGGGACGATCGTCTCGA
3724	AGAGCGTTGCATGCTTGGCTGCGG
3725	CTTCCGCCCTGTTCGCAATGAGG
3726	TTGCGGTTCATACCGAAGCCAACA
3727	TGCGCGAGAATCGTTCGTACGACG
3728	TGTATACCGTAGGCGTCCGTGGGG
3729	TGCGGGGTATAGGGCTTCCTTATG
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3731	GTTCTTGGCCACAGGAATGGCCGT
3732	CACATGGGCATTAATTGCTACGGC
3733	ATAAGTCGGTCTGCCTGGCAATGA
3734	ACCTCGAGGCTGAGAACGTCAAAA
3735	GCGGAACGCTAGCCCCTTATGGTT
3736	TGCGAGGCTCCTGGAGCAATCCAA
3737	ACAGAAGGCCGATCGCTCTGGCTG
3738	GGTTGGCAAGGGGCCAGCTCCTAC
3739	ATCGCTTCGCTCTATGGAGTCCGA
3740	CGTCCCGATAGGCCGCCTTGATCT
3741	GAATTCTGAGGCGGCATTGTCCAC
3742	CAGCCCATCAGTATCGGCTGCGTA
3743	TGGAGAGTCGGATCCGTAGCGTCA
3744	TGGATCCAGTGCGAGTCTTGGCCG
3745	ATGCGGTCGTGCTTGGAATCCTCT
3746	ATCGCACTGCCGCGTCATAACAGC
3747	CACGTCTCCGCCGGAACACAACTG
3748	AAGACAGTGGGTGAACGCACGGTA
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3750	CCCGGCGGTAGAAATTGACAACCT

AAGGGATACTCAGGCGCCTGTTTT
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ACAATAATAAGGGAGCATCGGCCG
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ACCCATTCCTCCTGCGGCGATCAA
TCGCAGGTGTAGACGGACGAAAAG
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TTGGTGGCTGTAAAGGTGCTTGGC
CCGAATTACCCATTCATACGGCAC
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GAACGAGGTCCGGGTTTGCATCTC
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3793 ACGACCAGCGGTCTGAGATCTAGG 3794 ATCCCCTCCTCAGGTCGACGCTGT 3795 TGACATACGCGGTCACCCAGCACAG 3796 TAACCGCGACTCTGACTCCCTTGT 3797 AAGCGGTTGACTCCTTGT 3797 AAGCGGTTTGATCTGTGCAATCGG 3798 CTGTCAACTCGGTCGCACAG 3799 AACTTTGCCGTTTAGGGCAGGTGA 3800 GCTGAAGAACTCCCAATTCGCTGG 3801 AAGATGCGATGGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGGCGCCACTTAAAA 3806 ACGAGGAACGGCGCCACTTAAAA 3806 ACGAGGAACGGACCACCACCACT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCACCCACT 3811 CAACGGTCGGATCAGAGAGACTCCACCAC 3811 CAACGGTCGGAAAGTCCCCAGT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCCCCATTCT 3814 ATTCAGCTGGGCTAGACACAC 3816 AATTTGTCCAGCTTGACCACCAC 3817 TGAGTGGGCTAGACCACCCG 3817 TGAGTGGGCTAGACCACCCCGCCAAGTCCACCCCACCCC		
3795 TGACATACGCGTCACCCAGCACAG 3796 TAACCGCGACTCTGACTCCCTTGT 3797 AAGCGGTTTGATCTGTGCAATCGG 3798 CTGTCAACTCGGTCGTCCGCACAG 3799 AACTTTGCCGTTTAGGGCAGGTGA 3800 GCTGAAGAACTCCCAATTCGCTGG 3801 AAGATGCGATGGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCCACTTAAAA 3806 ACGAGGAAGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACCCAG 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTCCCCATTCT 3813 AGTGACGGCCAAAGTCCCCATTCT 3814 ATTCAGCTGGCATAGGCGATCGG 3815 TAGGACAGCCTGGCTGCTCACACA 3816 AATTTGTCCAGCTTGCACGACCG 3817 TGAGTGGGCTTGATCCGTTCCAC 3818 TGTGGGCTACCGCTTAAGCTGAAC 3820 AGTCCCCGTTT	3793	ACGACCAGCGGTCTGAGATCTAGG
3796 TAACCGCGACTCTGACTCCCTTGT 3797 AAGCGGTTTGATCTGTGCAATCGG 3798 CTGTCAACTCGGTCGTCCGCACAG 3799 AACTTTGCCGTTTAGGGCAGGTGA 3800 GCTGAAGAACTCCCAATTCGCTGG 3801 AAGATGCGATGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCCACTTAAAA 3806 ACGAGGAAGGAACTCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACCACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGACT 3813 AGTGACGGCCAAAGTCCCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCTGGCTGCTACACA 3816 AATTTCAGCTGGCTGCTGCACACA 3817 TGAGTGGGCTGGCTGCACACA 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAACTTCCAC 3820 AGTCCCGCTTCTGCAAATT	3794	ATCCCCTCCTCAGGTCGACGCTGT
3797 AAGCGGTTTGATCTGTGCAATCGG 3798 CTGTCAACTCGGTCGTCCGCACAG 3799 AACTTTGCCGTTTAGGGCAGGTGA 3800 GCTGAAGAACTCCCAATTCGCTGG 3801 AAGATGCGATGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTCACCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGACT 3813 AGTGACGCCAAAGTCCCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCCTGGCTGCTACACA 3816 AATTTCACGTGGCTGGCTACACA 3817 TGAGTGGGCTACCGTTCCACCA 3818 TGTGGGCATAGAGCACCAGAGCTGGTT 3818 TGTGGTGACACCCCAGAGCTGGTT 3820 AGTCCCGCTTCTGCAAATTCCAA 3821 TCTGCGCCTACCCGTA	3795	TGACATACGCGTCACCCAGCACAG
3798 CTGTCAACTCGGTCGTCCGCACAG 3799 AACTTTGCCGTTTAGGGCAGGTGA 3800 GCTGAAGAACTCCCAATTCGCTGG 3801 AAGATGCGATGGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCCCCATCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGCACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTTGAACTTCCGAA 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGA	3796	TAACCGCGACTCTGACTCCCTTGT
3799 AACTTTGCCGTTTAGGGCAGGTGA 3800 GCTGAAGAACTCCCAATTCGCTGG 3801 AAGATGCGATGGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGACT 3813 AGTGACGGCCAAAGTCGCCATCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGCTACACA 3816 AATTTGTCCAGCTTGCACGACCG 3817 TGAGTGGACACGCCAGAGCTGGTT 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTTGATCCGTTAAC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGT	3797	AAGCGGTTTGATCTGTGCAATCGG
3800 GCTGAAGAACTCCCAATTCGCTGG 3801 AAGATGCGATGGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCCCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCTGGCTGCTACACA 3816 AATTTGTCCAGCTTGCACGACCG 3817 TGAGTGGGCTGTGATCCGTTCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTTGAACCGAACGAAC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGA	3798	CTGTCAACTCGGTCGTCCGCACAG
3801 AAGATGCGATGGGTCAGTCCTCGT 3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCCCCATCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCCTGGCTGCACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGTGATCCGTTCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTTGAACGAACTCCGAA 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGC	3799	AACTTTGCCGTTTAGGGCAGGTGA
3802 ACCCACCTCTGAAGGTTGAGACGG 3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCCCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTTGAACACA 3818 TGTGGTGACACGCCAGACCTGGTT 3819 CCTCACAGGTGTGAGAGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATCAGCTGAAC 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCAGAGG 3826 CTGGAGACTGGAGGAGG 3827 AAGGGATAGTGGCAGAGGG 3828 CTATCCACGATGGCAGAGGG 3829 CGGACTAGAGTTGCCCGATGGACG 3829 CGGACTAGAGTTGCCAAACC 3831 AGTGCTAAGGTTGATCCCCGAAGGGG 3829 CGGACTAGAGTTGCCCGATGGACG 3829 CGGACTAGAGTTGCCCAAACCAAACCAACAAACAACAACAACAACAAACAACAAACAACAAACAACAACAAAA	3800	GCTGAAGAACTCCCAATTCGCTGG
3803 AGGCTACGCACCCTCGAGAGTGAC 3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACCTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTCCCCATCT 3813 AGTGACGGCCAAAGTCCCCATCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTTGAACCACA 3818 TGTGGTGACACGCCAGACCTGCC 3819 CCTCACAGGTGTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGACCTGCC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGAGGAGGG 3826 CTGGAGACTGCGATGGCAGGGG 3827 AAGGGATAGTGGAGGAGCGG 3828 CTATCCACGGTTGATGCAGGAGGG 3829 CGGACTAGAGTTGCCCGATGGACG 3829 CGGACTAGAGTTGCCCGATGGACG 3829 CGGACTAGAGTTGCCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGCTAGCGGTTCCATCAAC 3831 AGTTGCTAGCGGTTCCATCAACC 3832 GCATCCGGATGGCATGAAC 3831 AGTTGCCTAGCGGTTCAACCAACCAACCAACCAACCAACC	3801	AAGATGCGATGGGTCAGTCCTCGT
3804 CGGTCACGAACGTGGTCCAGTTTT 3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTTCCCGAGT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGGCTACACA 3818 TGTGGTGACACGCCAGACTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCGAGGG 3826 CTGGAGACTGCAGAGGGGTGG 3827 AAGGGATAGTGATGCAGGAGGG 3828 CTATCCACGGTGATGCAGCAGAGGG 3829 CGGACTAGAACTTGCCAAGCAGAGGG 3820 AGGCCGGATGGAACGAGGG 3821 AGGGATAGTGATGCAAGACGAGGG 3822 GCGCTCTGAACTGCCAGAAGACCAGAGGG 3823 CCTAACGGTTGATTCATGCATGG 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCGATGGACGG 3826 CTGGAGACTGCAAGCACGAAGGG 3827 AAGGGATAGTGATGCCAAGCACGA 3828 CTATCCACGGTGATGCCAAGCACGA 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGCCTAGCGGTCGAATGAGCA 3831 AGTTGCCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3802	ACCCACCTCTGAAGGTTGAGACGG
3805 CAAAGCAACGCGCGCCACTTAAAA 3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGACCACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGGATCCGTTCCAC 3818 TGTGGTGACACGCCAGACTGGT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGGAGG 3826 CTGGAGACTCGCAGAGGGTTG 3827 AAGGGATAGTGATGCAGGAGGG 3828 CTATCCACGGTGATGCCATGACC 3829 CGGACTAGACTGCAAGCAGAGG 3820 AGAGCCGGATGGCAGGAGGG 3821 AGTGCTAAGGTGGCGATGGACG 3822 AGTGCTAAGGTGGCGATGGACGG 3823 CCGGACTAGACTCCAAGCAGAGGG 3834 AGGGATAGTGATTCCAAGCACGA 3837 AGGGATAGTGATTCCAAGCACGA 3838 CTATCCACGGTTGATTCCAAGCACGA 3831 AGTTGGCTAGCGGTCGAATGAACCACGAATGAGCACGA 3831 AGTTGGCTAGCGGTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3803	AGGCTACGCACCCTCGAGAGTGAC
3806 ACGAGGAAGGAACTGATCCCCAGT 3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGATCCGTTCCAC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGATTCATGCATG 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCGAGGGGTTG 3826 CTGGAGACTGCGATGGCAGAGG 3827 AAGGGATAGTGATGCCGCATT 3828 CTATCCACGGTGATGCCGCATT 3829 CGGACTAGAACTTGCCAAGCAGA 3831 AGTTGGCTAGCGGTCAATGACCAGA 3831 AGTTGGCTAGCGGTTCATCTAA 3832 GCATGCGGTCACCGCTTCATCAAA 3831 AGTTGGCTAGCGGTCAATGACCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGTGA	3804	CGGTCACGAACGTGGTCCAGTTTT
3807 TTCGCCACTATGGGCTCAGCATTA 3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCACCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCGAGGGGTTG 3826 CTGGAGACTGCGATGGCAGAGG 3827 AAGGGATAGTGATGCCGCATT 3829 CGGACTAGACTGCCATT 3829 CGGACTAGAACTTGCCAAGCAGA 3831 AGTTGGCTAGCGGTCAACCAGAATGACCAGAACCAGAACCACGAATGACCAGAACCACGAATGACCACGAACCACGAATGACCACGAATGACCACGAACCACGAATGACCACGAACCACGAACCACGAACCACGAATGACCACGAACCACC	3805	CAAAGCAACGCGCGCCACTTAAAA
3808 CGCTCGGCAGAGGAGTCCACTCAC 3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGCACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGGATCCGACCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCACAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATCATCATGCATG 3823 CCTAACGGTTGGTTCACCGTTTTT 3824 TCGCAAACCCACGAATGAGCCCG 3825 AGTGCTAAGGTGGCGAGCAGGG 3826 CTGGAGACTGCGATGGACG 3827 AAGGGATAGTGATGCATGCATG 3828 CTATCCACGGTGATGCCGCATT 3829 CGGACTAGAACTTGCCAACCAATGACCGAA 3831 AGTTGGCTACCGGTTGATCATGAAC 3831 AGTTGGCTACCGGTTGATCATGAAC 3831 AGTTGGCTACCGGTTGATGAAC 3832 GCATGCGATGCATGAAC	3806	ACGAGGAAGGAACTGATCCCCAGT
3809 TGTTGGCACGACTCCGTCCATGAA 3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCACCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGG 3827 AAGGGATAGTGATGCCGCATT 3829 CGGACTAGACTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCGAATGAGCA 3833 GTGAGATTCCAAGCTCGCCGTGA	3807	TTCGCCACTATGGGCTCAGCATTA
3810 TGCCTACCCGGTGATTGCGACATC 3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCAGAGGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGCCGCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGACC 3831 AGTTGGCTACCGGTCGATGACC 3832 GCATGCGGTCGAATGAGCA 3831 AGTTGGCTACCGGTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGTGA	3808	CGCTCGGCAGAGGAGTCCACTCAC
3811 CAACGGTCGGATCTGAGGAGATCT 3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGCACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCAGCAGAG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGCCGCATT 3829 CGGACTAGACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGACC 3831 AGTTGGCTACCGGTCGAATGAGCA 3831 AGTTGGCTACCGGTCGAATGAGCA 3832 GCATGCGGTCGAATGAGCA 3833 GTGAGATTCCAAGCTCGCCGTGA	3809	TGTTGGCACGACTCCGTCCATGAA
3812 CGTTACGAAGCGAAGTTCCCGAGT 3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAAGCAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCGAGGGGTG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGCCGCATT 3829 CGGACTAGAACTTGCCAAGCAGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGTGA	3810	TGCCTACCCGGTGATTGCGACATC
3813 AGTGACGGCCAAAGTCGCCATTCT 3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGCACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCGAGGGGGGGGGGGGGGGGGGGGGGG	3811	CAACGGTCGGATCTGAGGAGATCT
3814 ATTCAGCTGGGCATAGGCGATGGG 3815 TAGGACAGCGTGGCTGGCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGCCGCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGACCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAAC 3831 AGTTGGCTAGCGGTTGATGACCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGTGA	3812	CGTTACGAAGCGAAGTTCCCGAGT
3815 TAGGACAGCGTGGCTGCCTACACA 3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGCCGCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGTGA	3813	AGTGACGGCCAAAGTCGCCATTCT
3816 AATTTGTCCAGCTCTGCACGACCG 3817 TGAGTGGGCTGTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGCATG 3828 CTATCCACGGTGATGCCGCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGTGA	3814	ATTCAGCTGGGCATAGGCGATGGG
3817 TGAGTGGGCTGTGATCCGTTCCAC 3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGGGGGGGGGGGGGGGGGGGGGG	3815	TAGGACAGCGTGGCTGGCTACACA
3818 TGTGGTGACACGCCAGAGCTGGTT 3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGCCGAGCAGGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGCCGATGACCG 3828 CTATCCACGGTGATGCCAAGCACGA 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3816	AATTTGTCCAGCTCTGCACGACCG
3819 CCTCACAGGTGTGAGAGGAGCCGC 3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3817	TGAGTGGGCTGTGATCCGTTCCAC
3820 AGTCCCGCTTCTGCAAATTCCGAA 3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3818	TGTGGTGACACGCCAGAGCTGGTT
3821 TCTGCGCCTACCCGTAAGCTGAAC 3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3819	CCTCACAGGTGTGAGAGGAGCCGC
3822 GCCTCCTGAGTTGATTCATGCATG 3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3820	AGTCCCGCTTCTGCAAATTCCGAA
3823 CCTAACGGTTGGTTCGCCGTTTTT 3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATTGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3821	TCTGCGCCTACCCGTAAGCTGAAC
3824 TCGCAAACCCACGAATGAGTCCCG 3825 AGTGCTAAGGTGGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATTGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3822	GCCTCCTGAGTTGATTCATGCATG
3825 AGTGCTAAGGTGGCGAGCAGAGG 3826 CTGGAGACTGCGATGGCAGGGTTG 3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATTGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3823	CCTAACGGTTGGTTCGCCGTTTTT
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3827 AAGGGATAGTGATGGCGATGGACG 3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATTGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3825	AGTGCTAAGGTGGGCGAGCAGAGG
3828 CTATCCACGGTGATGTCCGCCATT 3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATTGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3826	CTGGAGACTGCGATGGCAGGGTTG
3829 CGGACTAGAACTTGCCAAGCACGA 3830 AGAGCCGGATGGCATTGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3827	AAGGGATAGTGATGGCGATGGACG
3830 AGAGCCGGATGGCATTGCATGAAC 3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3828	CTATCCACGGTGATGTCCGCCATT
3831 AGTTGGCTAGCGGTCGAATGAGCA 3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3829	CGGACTAGAACTTGCCAAGCACGA
3832 GCATGCGGTCACCGCTTCATCTAA 3833 GTGAGATTCCAAGCTCGCCGGTGA	3830	AGAGCCGGATGGCATTGCATGAAC
3833 GTGAGATTCCAAGCTCGCCGGTGA	3831	AGTTGGCTAGCGGTCGAATGAGCA
	3832	GCATGCGGTCACCGCTTCATCTAA
3834 GCCATCCACCGCACAATGAACGCT	3833	GTGAGATTCCAAGCTCGCCGGTGA
	3834	GCCATCCACCGCACAATGAACGCT

3835	GGGTGGTCCTCACTGTGGTTGGCA
3836	AGGCGGCTACGACGAGCGTCGTTA
3837	GCCAAGTGATCGTGCTTCCGCGTA
3838	TAGCCGTTTATTCCCTTGATGCGC
3839	ACTATGTGGGACGAGCGTCTGCGA
3840	GCACCTTCGAGAACCCATCAGATG
3841	ATTTTCTGTACCGATGCTCACCGG
3842	CACTGGAGCAATAAATGGCCAGGC
3843	GGGTTCACGTATCTCATGGATGCG
3844	GCACGCTCCCAGTATGCTCCTTCA
3845	GAAGGGACTTAGTCCGCGGCCCTC
3846	TTCGTTACCCTAAGGGCGTTTGCA
3847	GTTCCAGGTCACGACGAGCTGCGC
3848	TCGTACGTAGTCACACCGCGACTT
3849	GGGCTGGAGTAGCGGTCTGCTATG
3850	TAGCGGCACTCGTGTTGCGAGTGG
3851	ACGTTGGGTTCTGACACGGCGATT
3852	TGTTGCTGCGCCCCAAGTGATCTT
3853	CCCAGGTCGTTACGGTGCATCACA
3854	CCTAGTGCACAGGCAAATCGGGCT
3855	GGCGTTCTCCAAGATAAGGCCAAA
3856	ACTTCGATACCGTGGACCTCGCCA
3857	CTGAGCGCGCTAAACGTCCCTAGC
3858	ATCAGATAAACGATCCGACGCGTC
3859	CATGGCTGAATTTGTCGACCCTCT
3860	CGAAAGCGAGCAAATAGAATCCCC
3861	AGATTGCCCTGCGGCAGGTTGAAT
3862	AAGAGGCGGCCGATCAGTTAGAAA
3863	CTGATGCCTGTAAGGAGGCGCTCG
3864	AATCGCGAGGTTCGGCAGACAAAG
3865	CGTTGGGACACGGACCGTTCACTC
3866	AGATGTGTGCACTCGCGGTCATTT
3867	CAACTCGAGTGGCGGTAACATCTG
3868	ACCAAGGTTGCGATTACGGGAAGC
3869	CGAAGCGGTAGACGGCTCGCGTTA
3870	TCTCGCGAACAGGAGGGAAGGCGT
3871	GTCCCGATTTGCGCTGTGAGGAAA
3872	TACCACGCGTCGGCACGGAAATGG
3873	AAATGCTACCCGATTGCGCGGGAT
3874	TCGATTCAGGTTTGTGCTGCGGAG
3875	CCATCTCATCCCACTATGGCATGC
3876	CTGGCCCGTGTTTGGTTGAGTCGA

3877 GACACACACGTTGCAGGGCTTCCC 3878 TCGAATCGAGTCGATCGTGAAGGT 3879 GAAAGCACTCGATCGCGTTGGATT 3880 AATTACGCGAACATGGGGCGTCAA 3881 GTGCTAACACTGTGGTCGTTCCCA 3882 GGTAAGCCCCAGCCAGGAGTTGTC 3883 GGCGATCGTTCAGGAATCGCGTCA 3884 CTGGCTAGACCTCGACACAGGCT 3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCTAGTTTT 3887 GCCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGAGACAATACGGC 3889 GTTGCATCACGAAAATTACCCA 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGCCCCAGTTAC 3893 CTGACGGTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGCAAAGACTTCAACGC 3896 GCTACGAGTACCCTCCAACGC 3897 ATACCCAACAGCATGCACTCCAACGC 3898 ATCGCATCGACGCAACACTACCG 3899 CGGCCTCGAAAGCTATCT 3900 TAACGCTTTTCCGAGGCCGACTAC 3901 TCTGTCCTAGCACGCCGACCTGCT<		
3879 GAAAGCACTCGATCGCGTTGGATT 3880 AATTACGCGAACATGGGGCGTCAA 3881 GTGCTAACACTGTGGTCGTTCCCA 3882 GGTAAGCGCCAGCCAGGAGTTGTC 3883 GGCGATCGTTCAGGAATCGCGTCA 3884 CTGGCTAGACCTCCGACACAGGCT 3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGAAGACAATCCGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTATCCCCAACCTC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTCAACGC 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCAACT 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTCCGAGCCCGAACTACC 3901 TCTGTCCTAGCACGCCGAACTACC 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGCACACAGTCAGC	3877	GACACACGTTGCAGGGCTTCCC
3880 AATTACGCGAACATGGGGCGTCAA 3881 GTGCTAACACTGTGGTCGTTCCCA 3882 GGTAAGCGCCAGCAGGAGTTGTC 3883 GGCGATCGTTCAGGAATCGCGTCA 3884 CTGGCTAGACCTCCGACACAGGCT 3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGAGACAATACGGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGG 3899 CGGCCTAGAGGTGCGAAACTATC 3900 TAACGCTTTCCAGAGCCGACCTGCT 3901 TCTGTCCTAGCACGCGACCTGCT 3902 CTCATCGTTCAGTAGCTGGTCGTA 3903 TCGTCAGCAGTCAGCAGCACTACCG 3904 TCGACACAGTCA	3878	TCGAATCGAGTCGATCGTGAAGGT
3881 GTGCTAACACTGTGGTCGTTCCA 3882 GGTAAGCGCCAGCAGAGTTGTC 3883 GGCGATCGTTCAGGAATCGCGTCA 3884 CTGGCTAGACCTCCGACACAGGCT 3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGAGACAATACGGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGACCACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAACCTATC 3900 TAACGCTTTTCCGAGGCCGACCTGCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTAGCTGGTCGTA 3903 TCGTCACGTTCAGTAGCTGGTCGTA 3904 TCGACCACAGTCAGCAACCACCCG 3905 TGCGATTCATG	3879	GAAAGCACTCGATCGCGTTGGATT
3882 GGTAAGCGCCAGCCAGGATTGTC 3883 GGCGATCGTTCAGGAATCGCGTCA 3884 CTGGCTAGACCTCCGACACAGGCT 3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGGAGACAATACGGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGACTGCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGCACACTCACC 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAC	3880	AATTACGCGAACATGGGGCGTCAA
3883 GGCGATCGTTCAGGAATCGCGTCA 3884 CTGGCTAGACCTCCGACACAGGCT 3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGGAGACAATACGGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGACTGCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGCACACCACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAGACACTCACC 3907 TCTAATCC	3881	GTGCTAACACTGTGGTCGTTCCCA
3884 CTGGCTAGACCTCCGACACAGGCT 3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGGAGACAATACGGC 3889 GTTGCATCACCGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAACGCTATC 3900 TAACGCTTTCCCAGGCCGACTGCT 3901 TCTGTCCTAGCACGCCGACTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGCGTTTTTTTGGGCGA 3907 TCTAATCCATCGTTTTTTTGGCACCCGGTT 3910 GG	3882	GGTAAGCGCCAGCCAGGAGTTGTC
3885 CGGGTTAAACGCCAACTGGCCTAG 3886 ATCGCAGCCTGGCCGCCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGGAGACAATACGGC 3889 GTTGCATCACCGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGCGCCCCCAGTTAC 3893 CTGACGGTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGAACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGACTGCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAGCACACTCACC 3907 TCTAATCCATCGTTTTTTTGGGCGA 3910 GGCACAATTAAACGCGCCGCGTT 3911 CAAAG	3883	GGCGATCGTTCAGGAATCGCGTCA
3886 ATCGCAGCCTGGCCGCCTAGTTTT 3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGGAGACAATACGGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATTCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTAGA 3903 TCGTCGAGCAGACACTACCG 3904 TCGACCACAGTCAGGACCACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAGCACACACCC 3907 TCTAATCCATCGTTTTTTGGCCGA 3909 CTGAAGAGGGTAGCCAAACACACCC 3909 CTGAAGAGGGTAGCCTGCT 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGTAGCCTGGAGCAAAAAT 3912 TTTGCGGCCGTGACAAACACA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATTTTGGTACCCCGT 3916 TTGCGGTAGTTTTGGTACCCCGT 3917 GCAGTGGCGACAAATACAGCTGAGC 3916 TTGCGGTAGTTTTGGTACCCCGT 3917 GCAGTGGCGACAAATACAGCTGAGC 3917 GCAGTGGCGACAAAATACAGCTGAGC 3917 GCAGTGGCGACAAAATACAGCTGAGC 3917 GCAGTGGCGACAAAATACAGCTGAGG 3917 GCAGTGGCGACAAAATACAGCTGAG	3884	CTGGCTAGACCTCCGACACAGGCT
3887 GGCGTAGCCTAGCAAATTATGCCA 3888 ATGACGCGACGGAGACAATACGGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGCAACGC 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATCTT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTAT 3903 TCGTCGAGCAGAATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAGCACACTCCCC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTAGCACGCAAACA 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGTAGCCTGGAGCAAAAAT 3912 TTTGCGGCCGTGACAAAAAT 3913 AGGAATGTCCGTGCACCCGTGGA 3914 TCGTCGACCACATTTCCGAACCA 3915 CACGTCGACTTTTGGTACCTCCG 3916 TTGCGGTAGTTTTGGTACCACCGT 3917 GCAGTGCGACAAAATTACACCCGTGAA	3885	CGGGTTAAACGCCAACTGGCCTAG
3888 ATGACGCGACGGAGACAATACGGC 3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTCATTCGGCGTGCC 3894 TGACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGAACGC 3899 CGGCCTAGAGGTGCGAAACGC 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATCTT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTAGA 3903 TCGTCGAGCAGAAGACTACCG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAGCACACCCC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGCAAACACA 3909 CTGAAGAGGGTAGCCGCGCGCGCTT 3911 CAAAGGAGGTAGCCGGCGACTCACC 3911 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGTCAAAGACA 3912 TTTGCGGCCGTGACGAACAAAAT 3913 AGGAATGTCGTGCAACCACCGCGAAACAACA 3914 TCGTGATGACTCCGAACCACCGCGAACCACCGCGCGCGTTCCGAACGACCACCACCGTGAACACACCCTCGCAACCACCCTCCCGCAACCACCCCCCCC	3886	ATCGCAGCCTGGCCGCCTAGTTTT
3889 GTTGCATCACGAAAATGCCGTCTT 3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGACCTGCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTACCTGGGAGCAAAAA 3910 GGCACAATTAAAACGCCGCCGCGTT 3911 CAAAGGAGGTCAAAGGCCAGAAAA 3912 TTTGCGGCCGTGACGAGCAAAAAA 3913 AGGAATG	3887	GGCGTAGCCTAGCAAATTATGCCA
3890 GAGTCATGCGTTCCTCGCTTTACC 3891 TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATCTT 3901 TCTGTCCTAGCACGCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTAT 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACACACACACACACACACACACAC	3888	ATGACGCGACGGAGACAATACGGC
TCTGAACCGGTTATCCCCAACCTC 3892 TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTCCGAGGCCGATTCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTAGG 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACACACAC 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACACACAC 3913 AGGAATGTGCGTGGCACCTCTCGAATCA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATTTTTGGTACCTCG 3916 TTGCGGTAGTTTTGGTACCTCG 3917 GCAGTGGCGACAAATACAGCTGAG	3889	GTTGCATCACGAAAATGCCGTCTT
TGCCTCTGGTAGGCGCCCAGTTAC 3893 CTGACGGTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATTCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTAG 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACACACAC 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACCACACA 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATTTGGTACCTCG 3916 TTGCGGTAGTTTTGGTACCTCG 3917 GCAGTGGCGACAAAATACAGCTGAG	3890	GAGTCATGCGTTCCTCGCTTTACC
3893 CTGACGGTTTTCATTCGGCGTGCC 3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATCTT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAGCACCTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACACACAC 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACCACACA 3913 AGGAATGTGCGTGGCACCTTCCGAATCA 3914 TCGTGATGACTTCCGAATCA 3915 CACGTCGACATTTTTGGTACCTCG 3916 TTGCGGTAGTTTTTGGTACCTCG 3917 GCAGTGGCGACAAAATCAGCTGAG	3891	TCTGAACCGGTTATCCCCAACCTC
3894 TGAACACGAGCAACACTCCAACGC 3895 CGGCGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATCTT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCATA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACACACACACACACACACACACAC	3892	TGCCTCTGGTAGGCGCCCAGTTAC
3895 CGGCGCGAAAGACTTGAACTTG 3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATCTT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCAG 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACACACACACACACACACACCCGGAAACACACAC	3893	CTGACGGTTTTCATTCGGCGTGCC
3896 GCTACGAGTACCCGTCGGAAACGC 3897 ATACCCAACAGCATGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGACTGCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGCGGAACAC 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACACACAC 3913 AGGAATGTCGTGCACCCGGATCACC 3914 TCGTGATGACTCCGGAATCA 3915 CACGTCGACATTTTGGTACCTCG 3916 TTGCGGTAGTTTTGGTACCTCG 3917 GCAGTGGCGACAAATACAGCTGAG	3894	TGAACACGAGCAACACTCCAACGC
3897 ATACCCAACAGCATGGAGCGACCA 3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATTCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACCAAAAT 3913 AGGAATGTGCTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATTTTTGGTACCTCG 3916 TTGCGGTAGTTTTGGTACCACCGT 3917 GCAGTGGCGACAAAATACAGCTGAG	3895	CGGCGCGAAAGACTTGAACTTG
3898 ATCGCATCGCATCGTATTCACGGG 3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATTCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATTTTTTGGTACCTCG 3916 TTGCGGTAGTTTTGGTACCTCG 3917 GCAGTGGCGACAAAATACAGCTGAG	3896	GCTACGAGTACCCGTCGGAAACGC
3899 CGGCCTAGAGGTGCGAAAGCTATC 3900 TAACGCTTTTCCGAGGCCGATTCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGACACACACACACACACACACA	3897	ATACCCAACAGCATGGAGCGACCA
3900 TAACGCTTTTCCGAGGCCGATTCT 3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATTTTTGGTACCTCG 3916 TTGCGGTAGTTTTGGTACCTCG 3917 GCAGTGGCGACAAAATACAGCTGAG	3898	ATCGCATCGCATCGTATTCACGGG
3901 TCTGTCCTAGCACGCCGACCTGCT 3902 CTCATCGTTCAGTCGGTCGTCA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCTCG 3917 GCAGTGGCGACAAATACAGCTGAG	3899	CGGCCTAGAGGTGCGAAAGCTATC
3902 CTCATCGTTCAGTCGGTCGTCGTA 3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCACCGT 3917 GCAGTGGCGACAAAATACAGCTGAG	3900	TAACGCTTTTCCGAGGCCGATTCT
3903 TCGTCGAGCAGATAGCGGGGTAGG 3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGACCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCACCGT 3917 GCAGTGGCGACAAAATACAGCTGAG	3901	TCTGTCCTAGCACGCCGACCTGCT
3904 TCGACCACAGTCAGGACACTACCG 3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3902	CTCATCGTTCAGTCGGTCGTA
3905 TGCGATTCTATGATGTCCGAACGC 3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3903	TCGTCGAGCAGATAGCGGGGTAGG
3906 CAAATGCAATGGCAAGCACTCACC 3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3904	TCGACCACAGTCAGGACACTACCG
3907 TCTAATCCATCGTTTTTTGGGCGA 3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3905	TGCGATTCTATGATGTCCGAACGC
3908 TCTCAACTCCGGTACGACGAAACA 3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3906	CAAATGCAATGGCAAGCACTCACC
3909 CTGAAGAGGGTAGCCTGGGAGCGG 3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3907	TCTAATCCATCGTTTTTTGGGCGA
3910 GGCACAATTAAAACGCGCCGCGTT 3911 CAAAGGAGGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3908	TCTCAACTCCGGTACGACGAAACA
3911 CAAAGGAGGTCAAAGGCCAGAAA 3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3909	CTGAAGAGGGTAGCCTGGGAGCGG
3912 TTTGCGGCCGTGACGAGCAAAAAT 3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3910	GGCACAATTAAAACGCGCCGCGTT
3913 AGGAATGTGCGTGGCACCTGTGGA 3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3911	CAAAGGAGGTCAAAGGCCAGAAA
3914 TCGTGATGACTGCCTTCCGAATCA 3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3912	TTTGCGGCCGTGACGAGCAAAAAT
3915 CACGTCGACATGTTTGGTACCTCG 3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3913	AGGAATGTGCGTGGCACCTGTGGA
3916 TTGCGGTAGTTTGGTTACCACCGT 3917 GCAGTGGCGACAAATACAGCTGAG	3914	TCGTGATGACTGCCTTCCGAATCA
3917 GCAGTGGCGACAAATACAGCTGAG	3915	CACGTCGACATGTTTGGTACCTCG
	3916	TTGCGGTAGTTTGGTTACCACCGT
3918 ACGGCATGATGGAGGGATAAACGT	3917	GCAGTGGCGACAAATACAGCTGAG
	3918	ACGGCATGATGGAGGGATAAACGT

TGGGATAATCCGCAAGCGCATAGC
CCTAGCTCTGCGCTCTTTGCGC
TCCTGGAACTGCTGAAGGCGACTT
CGAAGGCGGCATGGTGTAGTCTCC
AACATTGTTCCCATCCCAGAGCAC
CCAGGCAAGAACAACCACGCGCT
AAATCCACAGGCGCGCCAAAGCTG
GCTCACCGCAGACTCCGCGCGATA
TAGGTGGCGAGAGAGCGCCCACAA
GGCGTTGGTGTCGGGACCATGA
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TTGCCGTCCTGCAGCAGGTAGCTC
GGTCTAGTGGCAGCAAGGAGCGAT
GGTAACGCGACCAGCTTAGACACC
GTGGCGATTGGCTTCCTATGCATA
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TGCCATGCAGTCAGGTACGATGGT
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CTCATGACGAACGAGCGGTCTGCA
GTCGTGCGAGAGGCCAAGACCTTA
GCTGGCTGACGCTGTTGTCAGAGG
GCTACAGTGCTGCGTCCCGTGCCT
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TGTCTATTCGCCAGCGTGAGCATC
TGTTGTTGGCACGCCTCTACGGCA
GTGCCTCAACCGTATCGTGGCGGT
TCCTCGAAGTAGCGTGACCGAACC

3	5

3961 AAACAATTTCCTGCACTCTGGCC 3962 CACAAACTCGTCGAGGCACACAGT 3963 GACGAAACGCTCGGCAGAAAGCCT 3964 TCAACTCACACGGGACAGCAGTTC 3965 TCACGTTGATTGCGACTGGCCACA 3966 AGGTGTTTGTTCCGACTGGCCACA 3967 TCAACCCTCTATTCCCGAGCATTG 3968 ACCTCACACAAGCGTTCTCGTCGA 3969 AACAGCATGCGGTGGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGCGCTGAGTTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGAGGGGGTGC 3984 GATTCCCAGTCTACCGGGAGAACGG 3985 AGGCCAATTACGACCTGTCAGG 3986 CATGCGAACGGTCCT		T
3963 GACGAAACGCTCGGCAGAAAGCCT 3964 TCAACTCACACGGGACAGCAGTTC 3965 TCACGTGGATGGCTTAGCTGGCC 3966 AGGTGTTTGTTCCGACTGGCCACA 3967 TCAACCCTCTATTCCCGAGCATTG 3968 ACCTCACACACAGCGTTCTCGTCGA 3969 AACAGCATGCGGTCGCTGGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGATTACCTGTTATT 3978 TTTCCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGTCAATCCGCCACCTTT 3982 GCCTCAATATCTGGTTGCCGCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACG 3987 CACACGCGATGGGTTGTTGTGACG 3988 TCCGGTATTGC	3961	AAACAATTTCCTGCACTCTCGGCC
3964 TCAACTCACACGGGACAGCAGTTC 3965 TCACGTGGATGGGCTTAGCTGGC 3966 AGGTGTTTGTTCCGACTGGCCACA 3967 TCAACCCTCTATTCCCGAGCATTG 3968 ACCTCACACAAGCGTTCTCGTCGA 3969 AACAGCATGCGGTCGCTGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGATTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCAACAAACG 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAACCATAG 3987 CACACGCGATGGGTTGTCTCCT 3989 AAGATTAGGTGGCCAG	3962	
3965 TCACGTGGATGGGCTTAGCTGGGC 3966 AGGTGTTTGTTCCGACTGGCCACA 3967 TCAACCCTCTATTCCCGAGCATTG 3968 ACCTCACACAAGCGTTCTCGTCGA 3969 AACAGCATGCGGTCGCTGGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATCGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCCTGCTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGTATCTCGCC 3977 TTGGCGTGGCGTACCAGGAT 3978 TTTGCGGTGAAGTTTACAGGGTG 3979 CACTTAAGGGCTACCTGTTATT 3978 TTTGCGGTGAACTTACAGGACAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCACAGTCAATGATGGGCGTGC 3985 AGGCCAATTACGACCTGTCACGG 3986 CATGCGAACGTTCCGAGGAACCAT 3987 CACACGCGATGGTTGTGTGACGC 3988 TCCGGTATTGCGCCGCACCTT 3998 AGATTAGGTGGCCCCCCACCTT 3999 AGGCCAATTACGACCCTGTCACGG 3990 TCGTTACGCCCCGAACCATAG 3990 TCGTTACGCCCCGAACCATAG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTTGTTGTGACGC 3995 ACACGAGGGCTCTTTTTTTTTTTTTTTTTTTTTTTTTTT	3963	GACGAAACGCTCGGCAGAAAGCCT
3966 AGGTGTTTGTTCCGACTGGCCACA 3967 TCAACCCTCTATTCCCGAGCATTG 3968 ACCTCACACAAGCGTTCTCGTCGA 3969 AACAGCATGCGGTCGCTGGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCTTACAGGC 3975 CACACTCGTGGCCTGCATTGTC 3976 GCCTGCACTTACGGCTACTCTCGCC 3977 TTGGCGTGGCTACCTGTTATT 3978 TTTGCGGTGAAGTTTACAGGGTG 3979 CACTTAAGGGCTGACCAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGCGTGC 3984 GATTCCACAGTCAATGATGGCGTGC 3985 AGGCCAATTACGACCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACCG 3987 CACACGCGATGGTTGTGTGACGC 3988 TCCGGTATTGCGCCTGCAGGAGAAC 3989 AAGATTAGGTCTCCAGGAGAACCG 3990 TCGTTACGCCCGGAGCAT 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCTTTGTTGGACTC 3994 CCCCGATGGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	3964	TCAACTCACACGGGACAGCAGTTC
3967 TCAACCCTCTATTCCCGAGCATTG 3968 ACCTCACACAAGCGTTCTCGTCGA 3969 AACAGCATGCGGTCGCTGGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCTGCATTGTC 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCATTACATGGTG 3979 CACTTAAGGGCTATCCTGGTC 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCTG 3983 TTCCACAGTCAATGATGGCGTGC 3984 GATTCCCAGTCTACCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACCG 3987 CACACGCGATGGTTGTTGACGC 3988 TCCGGTATTGCCAGCACCATAG 3989 AAGATTAGGTGGCCCCCCCTCAGG 3990 TCGTTACGCCCCGACCTCAACAAGT 3991 ACTAAAATCGCCCGAGCATCCAACAAGT 3991 ACTAAAATCGCCCGACCTCAACGATG 3991 ACTAAAATCGCCCGACTCCAACAAGT 3991 ACTAAAATCGCCCGACTCCAACGATG 3991 ACTAAAATCGCCCGACTCAACAAGT 3992 AGGATGGCCACCCTATCCCTTACCCCTTACCCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCTTACCCCTTACCTTACCTTACCTTACCTTACCTTACCTTACCTTACCTTACCTTACCTTACCTTACCTTACCTTACCCTTACCCTTACCCTTACCCTTACCTACCTTACCTTACCTTACCTTACCTTACCTACCTTACCTTACCTTACCTACCTACCTACCTACCTACCTACCTACCTACCTACCTACCTAC	3965	TCACGTGGATGGGCTTAGCTGGGC
3968 ACCTCACACAGCGTTCTCGTCGA 3969 AACAGCATGCGGTCGCTGGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGTATCTCGCC 3977 TTGGCGTGGCGTACCTGTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGCGTGC 3984 GATTCCCAGTCTACCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACCG 3987 CACACGCGATGGTTGTTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCAACGT 3991 ACTAAAATCGCCCGACTCAACAAGT 3991 ACTAAAATCGCCCGACTCACGATG 3991 ACTACAACTCGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTTTTTTTGGACTC 3995 ACACGAGGGCTCTTTTTTTTTTTTTTTTTTTTTTTTTTT	3966	AGGTGTTTGTTCCGACTGGCCACA
3969 AACAGCATGCGGTCGCTGGCTTTC 3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGTATCTCGCC 3977 TTGGCGTGGCGTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGCGTGC 3984 GATTCCCAGTCTACCGCAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTACGTCTCCAGG 3990 TCGTTACGCCCCGACTCAAGG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTTTTTTTGGACTC 3995 ACACGAGGGCTCATCGAGGAGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGGAGAACTT 3998 CCAGTGTTCGTTCATCGAGGAGACTC 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3967	TCAACCCTCTATTCCCGAGCATTG
3970 CACGGACACGTGTTACATCCGATG 3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGTATCTCGCC 3977 TTGGCGTGGCGTACCTGGCT 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATCAGGCGTGC 3984 GATTCCCAGTCAACCAGCAAC 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTCCAGCAGCAT 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGCATCAGG 3989 AAGATTAGGTGGCCCCCCTCAGG 3990 TCGTTACGCCCCGACCATCG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTTTGTTGGACTC 3995 ACACGAGGGCTCTTTTGTTGGACTC 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGAGGGTTGTTGTGGACTC 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGAGGGTTGTTGGACTC 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3968	ACCTCACACAAGCGTTCTCGTCGA
3971 CTGGGAGCCTGCTGATACATGGTG 3972 CGTCCTATGGGCCATGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGTACCTGTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCACAGTCAATGATGGGCGTGC 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTTGCCCGCCTCAGG 3990 TCGTTACGCCCGAGCATC 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCGAATCAAAGT 3993 TGATGAAGACAGTCTCGAGGAGCTC 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGCTCCTCACGG 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGAGGAGCTC 3997 AAGGCCGCTTGCATCGAGGAGAGCTC 3997 AAGGCCGCTTGCATCGAGGAGAGCTC 3997 AAGGCCGCTTGCATCGAGAGAGCTCCAAGAGT 3997 AAGGCCGCTTGCATCGAGAGAGAGCTCCAAGAGT 3997 AAGGCCGCTTGCATCGAGAGAGCTCCAAGAGT 3997 AAGGCCGCTTGCATCGAAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3969	AACAGCATGCGGTCGCTGGCTTTC
3972 CGTCCTATGGGCCAGGAT 3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGGGTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGTACCTGTTATT 3978 TTTGCGGCTGAGTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCAATGATGGGCGTGC 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGCATAG 3989 AAGATTAGGTGGCCCCCCACATAG 3990 TCGTTACGCCCGAGCATC 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTCTTGTTGGACTC 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCAGCATT 3998 CCAGTGTTCGTTCATCGGTGGCGT 3997 AAGGCCGCTTGCATCGAGAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3970	CACGGACACGTGTTACATCCGATG
3973 GTCCCCAAATCTCGCTTTACAGGC 3974 TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGAAGTTTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCCTCAGG 3990 TCGTTACGCCCCGACTCAAGA 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTCTTGTTGGACTC 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3971	CTGGGAGCCTGCTGATACATGGTG
TCACAAACCTGTGCGTGCATTGTC 3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGAAGTTTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCAACGAGCAAC 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGC 3987 CACACGCGATGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCGGATCCACAGA 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGCCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTCTTTGTTGGACTC 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3972	CGTCCTATGGGCCATGGCCAGGAT
3975 CACACTCGTGGCCTGCGTTGGGAA 3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGATTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACCG 3987 CACACGCGATGGTTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGGCCCCCCTCAGG 3990 TCGTTACGCCCCGACTCACGG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTTGCTCCAGG 3997 AAGGCCGCTTGCATCGACGAG 3997 AAGGCCGCTTGCATCGACGACT 3998 CCAGTGTTCGTTCATCGAGGGCT 3998 CCAGTGTTCGTTCATCGAGGGCT	3973	GTCCCCAAATCTCGCTTTACAGGC
3976 GCCTGCACTTACGGCTATCTCGCC 3977 TTGGCGTGGCGATTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACCG 3987 CACACGCGATGGGTTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCGACTCACGG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTCTTGTTGGACTC 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGGCGTGGCGT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3974	TCACAAACCTGTGCGTGCATTGTC
TTGGCGTGGCGATTACCTGTTATT 3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGCTGCGT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3975	CACACTCGTGGCCTGCGTTGGGAA
3978 TTTGCGGCTGAAGTTTACAGGGTG 3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCGGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGACGATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3976	GCCTGCACTTACGGCTATCTCGCC
3979 CACTTAAGGGGCTGACCGAGCAAC 3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGACGATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3977	TTGGCGTGGCGATTACCTGTTATT
3980 AGAAAACGTCAATCCGCCACCTTT 3981 AACAAAACGGCGCTCCAACAAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGCTGGCG 3997 CCAGTGTTCGTTCATCGCTGGCG 3998 CCAGTGTTCGTTCATCGCTGGCG 3997 AAGGCCGCTTGCATCGCTGGCGT	3978	TTTGCGGCTGAAGTTTACAGGGTG
3981 AACAAAACGGCGCTCCAACAACG 3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGTTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGCTGGCG 3998 CCAGTGTTCGTTCATCGAGGACT	3979	CACTTAAGGGGCTGACCGAGCAAC
3982 GCCTCAATATCTGGTTGCCGCCTG 3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGGTGGCGT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3980	AGAAAACGTCAATCCGCCACCTTT
3983 TTCCACAGTCAATGATGGGCGTGC 3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGGTGGCGT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3981	AACAAAACGGCGCTCCAACAAACG
3984 GATTCCCAGTCTACCCGCGAGCAT 3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGATGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGGTGGCGT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3982	GCCTCAATATCTGGTTGCCGCCTG
3985 AGGCCAATTACGACCCTGTCACGG 3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATCGGTGGCGT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3983	TTCCACAGTCAATGATGGGCGTGC
3986 CATGCGAACGTTCCGAGGAGACGG 3987 CACACGCGATGGGTTGTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3984	GATTCCCAGTCTACCCGCGAGCAT
3987 CACACGCGATGGGTTGTGACGC 3988 TCCGGTATTGCGCAGGAACCATAG 3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3985	AGGCCAATTACGACCCTGTCACGG
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3989 AAGATTAGGTGTGCCCGCCTCAGG 3990 TCGTTACGCCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3987	CACACGCGATGGGTTGTGTGACGC
3990 TCGTTACGCCCGACTCGACGATG 3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3988	TCCGGTATTGCGCAGGAACCATAG
3991 ACTAAAATCGCCAGGTTGCTCCCT 3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3989	AAGATTAGGTGTGCCCGCCTCAGG
3992 AGGATGGCCACGCCGAATCAAAGT 3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3990	TCGTTACGCCCCGACTCGACGATG
3993 TGATGAAGCAGCTCATCGCTGGCG 3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3991	ACTAAAATCGCCAGGTTGCTCCCT
3994 CCCCGATGGGTCTTTGTTGGACTC 3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3992	AGGATGGCCACGCCGAATCAAAGT
3995 ACACGAGGGCTGCTGGTGAGGGCT 3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3993	TGATGAAGCAGCTCATCGCTGGCG
3996 TGGTCACCAATTTGATGATCCGAG 3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3994	CCCCGATGGGTCTTTGTTGGACTC
3997 AAGGCCGCTTGCATGCGACAAATT 3998 CCAGTGTTCGTTCATCGGTGGCGT	3995	ACACGAGGGCTGCTGGTGAGGGCT
3998 CCAGTGTTCGTTCATCGGTGGCGT	3996	TGGTCACCAATTTGATGATCCGAG
	3997	AAGGCCGCTTGCATGCGACAAATT
3999 CCGACCGCTACATAGGTGTGCGAA	3998	CCAGTGTTCGTTCATCGGTGGCGT
	3999	CCGACCGCTACATAGGTGTGCGAA
4000 TGTTGAAGCCGTTCCCAGATGACA	4000	TGTTGAAGCCGTTCCCAGATGACA

Seq. ID No.	Decoder Sequence (5'-3')	Probe Sequence (5'-3')
1	TTCGCCGTCGTGTAGGCTTTTCAA	TTGAAAAGCCTACACGACGGCGAA
2	TTCGAAGCGCACGTCCCTTTTCAA	TTGAAAAGGACGTGCGCTTCGAA
3	AACGCGTGGGGAATGGGACATCAA	TTGATGTCCCATTCCCCACGCGTT
4	CCGTCGCATACCGGCTACGATCAA	TTGATCGTAGCCGGTATGCGACGG
5	ATGGCCGTGCTGGGGACAAGTCAA	TTGACTTGTCCCCAGCACGCCAT
6	TTGCAACGGGCTGGTCAACGTCAA	TTGACGTTGACCAGCCCGTTGCAA
7	CGCATAGGTTGCCGATTTCGTCAA	TTGACGAAATCGGCAACCTATGCG
8	CCGTTTGCGGTCGTCCTTGCTCAA	TTGAGCAAGGACGACCGCAAACGG
9	TTCGCTTTCGTGGCTGCACTTCAA	TTGAAGTGCAGCCACGAAAGCGAA
10	GTCCAACGCGCAACTCCGATTCAA	TTGAATCGGAGTTGCGCGTTGGAC
11	TTGCCGCACCGTCCGTCATCTCAA	TTGAGATGACGGACGGTGCGGCAA
12	CATCGTCCCTTTCGATGGGATCAA	TTGATCCCATCGAAAGGGACGATG
13	GCACGGGAGCTGACGACGTGTCAA	TTGACACGTCGTCAGCTCCCGTGC
14	AGACGCACCGCAACAGGCTGTCAA	TTGACAGCCTGTTGCGGTGCGTCT
15	CGTGTAGGGGTCCCGTGCTGTCAA	TTGACAGCACGGGACCCCTACACG
16	CATCGCTGCAAGTACCGCACTCAA	TTGAGTGCGGTACTTGCAGCGATG
17	GGCTGGTTCGGCCCGAAAGCTTAG	CTAAGCTTTCGGGCCGAACCAGCC
18	GTTCCCAGTGAAGCTGCGATCTGG	CCAGATCGCAGCTTCACTGGGAAC
19	TACTTGGCATGGAATCCCTTACGC	GCGTAAGGGATTCCATGCCAAGTA
20	ACTAGCATATTTCAGGGCACCGGC	GCCGGTGCCCTGAAATATGCTAGT
21	GAACGGTCAATGAACCCGCTGTGA	TCACAGCGGGTTCATTGACCGTTC
22	GCGGCCTTGGTTCAATATGAATCG	CGATTCATATTGAACCAAGGCCGC
23	GATCGTTAGAGGGACCTTGCCCGA	TCGGGCAAGGTCCCTCTAACGATC
24	TGGACCTAGTCCGGCAGTGACGAA	TTCGTCACTGCCGGACTAGGTCCA
25	ATAAACTACCCAGGACGGGCGGAA	TTCCGCCCGTCCTGGGTAGTTTAT
26	CATCGGTTCGCGCCAATCCAGATA	TATCTGGATTGGCGCGAACCGATG
27	GTCGGGCATAGAGCCGACCACCCT	AGGGTGGTCGGCTCTATGCCCGAC
28	CTTGGGTCATGATTCACCGTGCTA	TAGCACGGTGAATCATGACCCAAG
29	TGCCTAACGTGCTAATCAGCAGCG	CGCTGCTGATTAGCACGTTAGGCA
30	CGCATGTTGGAGCATATGCCCTGA	TCAGGGCATATGCTCCAACATGCG
31	AGCCACTGCATCAGTGCTGTTCAA	TTGAACAGCACTGATGCAGTGGCT
32	GGTTGTTTTGAGGCGTCCCACACT	AGTGTGGGACGCCTCAAAACAACC
33	TCGACCAAGAGCAAGGGCGGACCA	TGGTCCGCCCTTGCTCTTGGTCGA
34	GACATCGCTATTGCGCATGGATCA	TGATCCATGCGCAATAGCGATGTC
35	GAAATACGAAGTCTGCGGGAGTCG	CGACTCCCGCAGACTTCGTATTTC
36	TGTCATGAATGATTGATCGCGCGA	TCGCGCGATCAATCATTCATGACA
37	ATATCGGGATTCGTTCCCGGTGAA	TTCACCGGGAACGAATCCCGATAT

38	GCGAGCGTACCGAAGGGCCTAGAA	TTCTAGGCCCTTCGGTACGCTCGC
39	TTACCGGCAGCGGACTTCCGAATT	AATTCGGAAGTCCGCTGCCGGTAA
40	GTAATCGAGAGCTGCGCGCCGTCT	AGACGGCGCGCAGCTCTCGATTAC
41	CCTGTTAGCGTAGGCGAGTCGATC	GATCGACTCGCCTACGCTAACAGG
42	TAGCGGACCGGCAGAATGAGTTCC	GGAACTCATTCTGCCGGTCCGCTA
43	GGTACATGCACTACGCGCACTCGG	CCGAGTGCGCGTAGTGCATGTACC
44	AATTCATCTCGGACTCCCGCGGTA	TACCGCGGGAGTCCGAGATGAATT
45	GCCAAATCTGGATTGGCAGGAATG	CATTCCTGCCAATCCAGATTTGGC
46	TGCATTTTCGGTTGAGGCACATCC	GGATGTGCCTCAACCGAAAATGCA
47	CCGCTCAATTCACCATGCTTCGCT	AGCGAAGCATGGTGAATTGAGCGG
48	CTCGGAAAGGTGCAACTTTGGTGT	ACACCAAAGTTGCACCTTTCCGAG
49	AATTCGACCAGCAGAACGTCCCAT	ATGGGACGTTCTGCTGGTCGAATT
50	GCCAGAGTCTCAACCTCACGGGAT	ATCCCGTGAGGTTGAGACTCTGGC
51	CCAACAACTGGAACGGGAACCCGC	GCGGGTTCCCGTTCCAGTTGTTGG
52	GAGAACTGATCGCTGAGGGGCATG	CATGCCCCTCAGCGATCAGTTCTC
53	GGCACACTAGACTTGTGGCACCGA	TCGGTGCCACAAGTCTAGTGTGCC
54	TCACATCCAAATATGGTCCGCGAA	TTCGCGGACCATATTTGGATGTGA
55	GTCTGCCGGTGTGACCGCTTCATT	AATGAAGCGGTCACACCGGCAGAC
56	CATCGCAGAGCATAAACACCCTCA	TGAGGGTGTTTATGCTCTGCGATG
57	GTTGGTATCTATGGCAGAGGCGGA	TCCGCCTCTGCCATAGATACCAAC
58	ACGAGGTGCCGCTGAGGTTCCATT	AATGGAACCTCAGCGGCACCTCGT
59	GGAATGAGTGGACCCAGGCACATT	AATGTGCCTGGGTCCACTCATTCC
60	TGTCAATATGCGTCCGTGTCGTCT	AGACGACACGGACGCATATTGACA
61	TGATGAGCCTCAGGGTACGAGGCA	TGCCTCGTACCCTGAGGCTCATCA
62	CACCGCGGTGTTCCTACAGAATGA	TCATTCTGTAGGAACACCGCGGTG
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64	TTAACCTGCGTCTGCCCCTTTCCT	AGGAAAGGGGCAGACGCAGGTTAA
65	AGGCGCGTTCCTGCCTTAGTGACG	CGTCACTAAGGCAGGAACGCGCCT
66	TAGGGCGATGGCACGAAGCTTCAA	TTGAAGCTTCGTGCCATCGCCCTA
67	TGCATAGAGCCAAAGTCGGCGATG	CATCGCCGACTTTGGCTCTATGCA
68	TTGAGAGGCAGGTGGCCACACGGA	TCCGTGTGGCCACCTGCCTCTCAA
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71	GGTGAAAATTTCGTAGCCACGGGC	GCCCGTGGCTACGAAATTTTCACC
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75	CGGATGTCACCGTTTGGACTTTCA	TGAAAGTCCAAACGGTGACATCCG
76	ATCGCAAATCCTGCTCGTCCCTAA	TTAGGGACGAGCAGGATTTGCGAT
77	CAGGGCATGCAATAATCGAGGTTC	GAACCTCGATTATTGCATGCCCTG
78	CATGCGTTGATATATGGGCCCAAG	CTTGGGCCCATATATCAACGCATG

79	CAGCTGCAGCTTGTGACCAACCAC	GTGGTTGGTCACAAGCTGCAGCTG
80	TTGTATGTCTGCCGACCGGCGACC	GGTCGCCGGTCGGCAGACATACAA
81	GATGGCGCCCGTTGATAGGTATGG	CCATACCTATCAACGGGCGCCATC
82	ATGAGAATCGCCGGCAATCTGCTA	TAGCAGATTGCCGGCGATTCTCAT
83	ATTTGCACTGACCGCAGGCTCGTG	CACGAGCCTGCGGTCAGTGCAAAT
84	CAGGGAGAACGGTTAAGTTCCCGT	ACGGGAACTTAACCGTTCTCCCTG
85	AGGCCGGCGATCGAGGAGTTTGGT	ACCAAACTCCTCGATCGCCGGCCT
86	ACACGGTGGTCTCTGATAGCGACC	GGTCGCTATCAGAGACCACCGTGT
87	GTGCAACGCCGAGGACTTCCATCA	TGATGGAAGTCCTCGGCGTTGCAC
88	TCGGTGCCTGATAGCCATTCCGAT	ATCGGAATGGCTATCAGGCACCGA
89	TGAAATACCACACAGCCAATTGGC	GCCAATTGGCTGTGTGGTATTTCA
90	GCATCGTGTACATGACTGCCGCGA	TCGCGGCAGTCATGTACACGATGC
91	CAGTGTTCTAACGGCGCGCGTGAA	TTCACGCGCGCCGTTAGAACACTG
92	CGCTTGCAACGTTGCACCTACTCT	AGAGTAGGTGCAACGTTGCAAGCG
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94	CTTTCAGGGGAACTGCCGGAGTCG	CGACTCCGGCAGTTCCCCTGAAAG
95	TTGTGGCCTTCTTGTAAAGGCACG	CGTGCCTTTACAAGAAGGCCACAA
96	TCCACGAACGGCGACCCGTTGTCT	AGACAACGGGTCGCCGTTCGTGGA
97	CGACCTTGCACGAAACCTAACGAG	CTCGTTAGGTTTCGTGCAAGGTCG
98	GTGCAGCTTCACGAGCCAGCCTGA	TCAGGCTGGCTCGTGAAGCTGCAC
99	CGCTTTCGTGCGAATAGACGATGA	TCATCGTCTATTCGCACGAAAGCG
100	TGCGCTTACAGGCTCCTAGTGGTC	GACCACTAGGAGCCTGTAAGCGCA
101	CACGCGCTTAGTCGCGATCGCATA	TATGCGATCGCGACTAAGCGCGTG
102	CGGAGGAGGGAGCTAGCCTTCGA	TCGAAGGCTAGCTCCCTCCG
103	GCATCCGGCCTGTTGATGACGCCT	AGGCGTCATCAACAGGCCGGATGC
104	AGGCCAATCGATCTTATTGCCGAG	CTCGGCAATAAGATCGATTGGCCT
105	CCTTCCAATGATTGCATACGCCCA	TGGGCGTATGCAATCATTGGAAGG
106	AACACTTGATCAGGCGGGTCGTCT	AGACGACCCGCCTGATCAAGTGTT
107	TGGAATCAAGGCCGTAAAGGACAG	CTGTCCTTTACGGCCTTGATTCCA
108	GCTCCCGTAACCTGTCCACCAGTG	CACTGGTGGACAGGTTACGGGAGC
109	AGTGGTGAATGGCCGCTACCCTGA	TCAGGGTAGCGGCCATTCACCACT
110	TGTTGAAGCGAGCTAAAACGGCCA	TGGCCGTTTTAGCTCGCTTCAACA
111	CAGCGCTCCAGAATTGACAGCAAT	ATTGCTGTCAATTCTGGAGCGCTG
112	AAGGTGGTGCCATTCATTTGGCTA	TAGCCAAATGAATGGCACCACCTT
113	CGTTAAACCGCAATCCGTTCGGCT	AGCCGAACGGATTGCGGTTTAACG
114	CACGAGATACCGGCGTAAGGGTGG	CCACCCTTACGCCGGTATCTCGTG
115	CTACGGCAAACGTGTGGAATGGGT	ACCCATTCCACACGTTTGCCGTAG
116	GTAGGGCGATGACGGCGAACTAC	GTAGTTCGCCCGTCATCGCCCTAC
117	AATCGACCTCCGCACACATTCGCA	TGCGAATGTGTGCGGAGGTCGATT
118	GAGTCAGCATGGCGGCGGAGATTC	GAATCTCCGCCGCCATGCTGACTC
119	AGATAAAGACGCTGGCAACACGGG	CCCGTGTTGCCAGCGTCTTTATCT

120	GGTACCTCAACGCGAACCACTTGT	ACAAGTGGTTCGCGTTGAGGTACC
121	AAGCGATGGCTACCCAAGAGCGAT	ATCGCTCTTGGGTAGCCATCGCTT
122	AGAGCTTATGCAGAACCAGGCGCC	GGCGCCTGGTTCTGCATAAGCTCT
123	ATCGGTCTCACGCAGGGTTGGATA	TATCCAACCCTGCGTGAGACCGAT
124	TAGGTTGCCCGCCAGAAGAAACAT	ATGTTTCTTCTGGCGGGCAACCTA
125	CGGTGCTGTTGCAAAAGCCTGTAG	CTACAGGCTTTTGCAACAGCACCG
126	TGATGAAAGTTTGCGGCAGGACAC	GTGTCCTGCCGCAAACTTTCATCA
127	GTTGAGTGCAGGATGCAGCGATAG	CTATCGCTGCATCCTGCACTCAAC
128	AACATTGCGCGGTCCACCAGGGTT	AACCCTGGTGGACCGCGCAATGTT
129	GGGCAGTTAGAGAGGGCCAGAAGT	ACTTCTGGCCCTCTCTAACTGCCC
130	TCGAGCTGGTCCCCGTGAACGTGT	ACACGTTCACGGGGACCAGCTCGA
131	GTCTTGGGGGCCGCTTAGTGAAAA	TTTTCACTAAGCGGCCCCCAAGAC
132	ACTGTTGGCTTGCTCTCATGTCCA	TGGACATGAGAGCAAGCCAACAGT
133	AGGACCATTCGGAAGGCGAAGATA	TATCTTCGCCTTCCGAATGGTCCT
134	CTTGGGAGGCATCCGCTATAAGGA	TCCTTATAGCGGATGCCTCCCAAG
135	AATAAACGGAACGCACCGCTACAG	CTGTAGCGGTGCGTTCCGTTTATT
136	TTGTACGTGCGGTCCCCATAAGCA	TGCTTATGGGGACCGCACGTACAA
137	CGCACCAAACTGAGTTTCCCAGAC	GTCTGGGAAACTCAGTTTGGTGCG
138	ACCTGATCGTTCCCCTATTGGGAA	TTCCCAATAGGGGAACGATCAGGT
139	GGAACAGAGGCGAGGGGACTGAGC	GCTCAGTCCCCTCGCCTCTGTTCC
140	CCCTGCCTTGGCGTGTCGGCTTAT	ATAAGCCGACACGCCAAGGCAGGG
141	ACTCTGACACGCCAACTCCGGAAG	CTTCCGGAGTTGGCGTGTCAGAGT
142	CTGACGGTTTTCATTCGGCGTGCC	GGCACGCCGAATGAAAACCGTCAG
143	TGCGGTGGTTCATTGGAGCTGGCC	GGCCAGCTCCAATGAACCACCGCA
144	GCATGGCCAACTAGTGACTCGCAA	TTGCGAGTCACTAGTTGGCCATGC
145	AGGCCGTAAAGCGAATCTCACCTG	CAGGTGAGATTCGCTTTACGGCCT
146	CGAATATTATGCCGAGAATCCGCG	CGCGGATTCTCGGCATAATATTCG
147	ACAGACGAGCTCCCAACCACATGA	TCATGTGGTTGGGAGCTCGTCTGT
148	GGACGGTTTGTGCTGGATTGTCTG	CAGACAATCCAGCACAAACCGTCC
149	AAAGGCTATTGAGTTGGTTGGGCG	CGCCCAACCAACTCAATAGCCTTT
150	GATGGCCTATTCGGAGATCGGGCC	GGCCCGATCTCCGAATAGGCCATC
151	GATCCAGTAGGCAGCTTCATCCCA	TGGGATGAAGCTGCCTACTGGATC
152	AATAACTCGCGCGGGTATGCTTCT	AGAAGCATACCCGCGCGAGTTATT
153	GGAGGAGGTTTGTCTCGGAAAGCA	TGCTTTCCGAGACAAACCTCCTCC
154	CTTTGGTATGGCACATGCTGCCCG	CGGGCAGCATGTGCCATACCAAAG
155	AGAAAGGCTCGAGCAACGGGAACT	AGTTCCCGTTGCTCGAGCCTTTCT
156	AATCTACCGCACTGGTCCGCAAGT	ACTTGCGGACCAGTGCGGTAGATT
157	CGTGGCGGCCACAGTTTTTGGAGG	CCTCCAAAAACTGTGGCCGCCACG
158	TTGCAGTTCAATCCATACGCACGT	ACGTGCGTATGGATTGAACTGCAA
159	GGCCCAAAGCCCCAGACCATTTTA	TAAAATGGTCTGGGGCTTTGGGCC
160	CGCCTGTCTTTGTCTCCGGACAAT	ATTGTCCGGAGACAAGACAGGCG

161	TGAGGCAACAGGGGCCAAAAACTA	TAGTTTTTGGCCCCTGTTGCCTCA
162	AGCGGAAGTAGTCCTCGGCTCGTC	GACGAGCCGAGGACTACTTCCGCT
163	GGCCCCAAGGCTTAGAGATAGTGG	CCACTATCTCTAAGCCTTGGGGCC
164	GCACGTGAAGTTTAACCGCGATTC	GAATCGCGGTTAAACTTCACGTGC
165	AGCGGCAGAAACGTTCCTTGACGG	CCGTCAAGGAACGTTTCTGCCGCT
166	TCGTCGAGCAGACGAGATTGCACG	CGTGCAATCTCGTCTGCTCGACGA
167	TCTTTGCCGCGTAACTGACTGCTT	AAGCAGTCAGTTACGCGGCAAAGA
168	TTTATGTGCCAAGGGGTTAACCGA	TCGGTTAACCCCTTGGCACATAAA
169	TGTTACTGTGGTTCACGGCAGTCC	GGACTGCCGTGAACCACAGTAACA
170	CGCGCCTCGCTAGACCTTTTATTG	CAATAAAAGGTCTAGCGAGGCGCG
171	ACAAATGCGTGAGAGCTCCCAACT	AGTTGGGAGCTCTCACGCATTTGT
172	CGCGCAGATTATAGACCCGAATGT	ACATTCGGGTCTATAATCTGCGCG
173	CAAATAACGCCGCTGAATCGGCGT	ACGCCGATTCAGCGGCGTTATTTG
174	CCTTCGTGCATCGGTGATGATGTT	AACATCATCACCGATGCACGAAGG
175	TGAACACGAGCAACACTCCAACGC	GCGTTGGAGTGTTGCTCGTGTTCA
176	CAGCAGATCCTTCGTAGCGGTCGT	ACGACCGCTACGAAGGATCTGCTG
177	GGAACCTGGTGAGTTGTGCCTCAT	ATGAGGCACAACTCACCAGGTTCC
178	TCATAAGCGACAATCGCGGGCTTA	TAAGCCCGCGATTGTCGCTTATGA
179	CCCAACGTCACTGAAGCTCACAGT	ACTGTGAGCTTCAGTGACGTTGGG
180	TGTCAGAGCCCGCGACTCAGACGG	CCGTCTGAGTCGCGGGCTCTGACA
181	TACACGAAGCCTCTCCGTGGTCCA	TGGACCACGGAGAGGCTTCGTGTA
182	CTCAGAAGTCCTCGGCGAACTGGG	CCCAGTTCGCCGAGGACTTCTGAG
183	ATCCTTTTATCTACTCCGCGGCGA	TCGCCGCGGAGTAGATAAAAGGAT
184	AGGCGTGCAGCAACAGGATAAACC	GGTTTATCCTGTTGCTGCACGCCT
185	ACTCTCGAGGGAGTCTCTGGCACA	TGTGCCAGAGACTCCCTCGAGAGT
186	TTGCCAGGTCCATCGAGACCTGTT	AACAGGTCTCGATGGACCTGGCAA
187	TCCACTATAACTGCGGGTCCGTGT	ACACGGACCCGCAGTTATAGTGGA
188	GCCCAGTCGGCTCTAACAAGTTCG	CGAACTTGTTAGAGCCGACTGGGC
189	CGGAACGGATAATCGGCGTCAGGT	ACCTGACGCCGATTATCCGTTCCG
190	TAAAATAAGCGCCTGGCGGGAGGA	TCCTCCCGCCAGGCGCTTATTTTA
191	GCGCACTCGTGAAACCTTTCTCGC	GCGAGAAAGGTTTCACGAGTGCGC
192	AGTTTGCCAGGTACTGGCAAGTGC	GCACTTGCCAGTACCTGGCAAACT
193	ACAACGAGGGATGTCCAGCGGCAT	ATGCCGCTGGACATCCCTCGTTGT
194	TTCGCAGCACCCGCTAGGTACAGT	ACTGTACCTAGCGGGTGCTGCGAA
195	TAACCCGATTTTTGCGACTCTGCC	GGCAGAGTCGCAAAAATCGGGTTA
196	CGTCGCATTGCAAGCGTAGGCTTG	CAAGCCTACGCTTGCAATGCGACG
197	GAGCTGACGTCACCATCAGAGGAA	TTCCTCTGATGGTGACGTCAGCTC
198	GGAGGCTGGGGGTCGCGCTTAAGT	ACTTAAGCGCGACCCCAGCCTCC
199	TTGTGGGAACCGCACTAGCTGGCT	AGCCAGCTAGTGCGGTTCCCACAA
200	CCCTCGCACTGTGTTCACCCTCTT	AAGAGGGTGAACACAGTGCGAGGG
201	TCATTGACTCGAATCCGCACAACG	CGTTGTGCGGATTCGAGTCAATGA

202	ACAGGGGTTGGCCTTCGTACGTAC	GTACGTACGAAGGCCAACCCCTGT
203	AGGCCGTGCAACATCACACAGGAT	ATCCTGTGTGATGTTGCACGGCCT
204	GGGCCGTGGTCACGTAATATTGGC	GCCAATATTACGTGACCACGGCCC
205	GCGCGGACATGAAACGACAAGGCC	GGCCTTGTCGTTTCATGTCCGCGC
206	CTTATTGGGTGCCGGTGTCGGATT	AATCCGACACCGGCACCCAATAAG
207	GGGCGGTTACCAAAAAATCCGAT	ATCGGATTTTTTGGTAACCGCCCC
208	GCTAAAGCGTGCTCCGTAACTGCC	GGCAGTTACGGAGCACGCTTTAGC
209	ATCTCATGCATCTCGGTTCGTCGT	ACGACGAACCGAGATGCATGAGAT
210	ACGAAAAAGTGTGCGGATCCCCT	AGGGGATCCGCACACTTTTTCGT
211	CCAAGTACACCGCACGCATGTTTA	TAAACATGCGTGCGGTGTACTTGG
212	ATCGTGCGTGGAGTGTCGCATCTA	TAGATGCGACACTCCACGCACGAT
213	TCCAGATACCGCCCGAACTTTGA	TCAAAGTTCGGGGCGGTATCTGGA
214	TCTGCTGGCAGCACGTGAAGTGGC	GCCACTTCACGTGCTGCCAGCAGA
215	TTGAAATTGCTCTGCCGTCAGTCA	TGACTGACGGCAGAGCAATTTCAA
216	AGTCAGGCGAGATGTTCAGGCAGC	GCTGCCTGACATCTCGCCTGACT
217	ACAAGCCGACGTTAAGCCCGCCCA	TGGGCGGCTTAACGTCGGCTTGT
218	CCCTAATGAGGCCAGTAACCTGCA	TGCAGGTTACTGGCCTCATTAGGG
219	GTGAGACACACATCCCCTCCAATG	CATTGGAGGGGATGTGTGTCTCAC
220	CGACGGATGCAGAGTTCAGTGGTC	GACCACTGAACTCTGCATCCGTCG
221	CCCGCATGCCTGGCGGTATTACAA	TTGTAATACCGCCAGGCATGCGGG
222	TTAGCAAAGCGGCGCCGTTAGCAA	TTGCTAACGGCGCCGCTTTGCTAA
223	CCCGACACGGGTCAGCGTAATAAT	ATTATTACGCTGACCCGTGTCGGG
224	GCGACGGCCCTGAGGTATGTCGTC	GACGACATACCTCAGGGCCGTCGC
225	CAAAAGTGTGTTCCCTTGCGCTTG	CAAGCGCAAGGGAACACACTTTTG
226	TCTCGAAGCACAGCCCGGTTATTG	CAATAACCGGGCTGTGCTTCGAGA
227	ATGCTAACCGTTGGCCATGGAACT	AGTTCCATGGCCAACGGTTAGCAT
228	CTTGCGGAGTGTTAGCCCAGCGGT	ACCGCTGGGCTAACACTCCGCAAG
229	TGCTCCCTAGGCGCTCGGAGGAGT	ACTCCTCCGAGCGCCTAGGGAGCA
230	CCAATGCCTTTGAGTAAGCGATGG	CCATCGCTTACTCAAAGGCATTGG
231	AGCAGATAACGTCCCAATGACGCC	GGCGTCATTGGGACGTTATCTGCT
232	TTGACCATTACGTGTTGCGCCCAT	ATGGGCGCAACACGTAATGGTCAA
233	TCGCGTATTTGCGGAATTCGTCTG	CAGACGAATTCCGCAAATACGCGA
234	CTGCGTGTCAACAATGTCCCGCAG	CTGCGGGACATTGTTGACACGCAG
235	TCTGGTGCCACGCAAGGTCCACAG	CTGTGGACCTTGCGTGGCACCAGA
236	CTCCGGGAGGTCACTTAATTGCGG	CCGCAATTAAGTGACCTCCCGGAG
237	TTTTCGTGATTGCCCGGAGGAGGC	GCCTCCTCCGGGCAATCACGAAAA
238	TCGGGATGTAGCTGGGGCTACCGG	CCGGTAGCCCCAGCTACATCCCGA
239	CGAGCCAACGCAAACACGTCCTTG	CAAGGACGTGTTTGCGTTGGCTCG
240	GCAAAGCCTTTGTGGGGCGGTAGT	ACTACCGCCCACAAAGGCTTTGC
241	ATTCGACCGGAAATGAGGTCTTCG	CGAAGACCTCATTTCCGGTCGAAT
242	TTCGCTTGCTGAGTTGCTCTGTTC	GAACAGAGCAACTCAGCAAGCGAA

243	CGCGTGAAGACCCCATTCCCGAGT	ACTCGGGAATGGGGTCTTCACGCG
244	AACCGTATTCGCGGTCACTTGTGG	CCACAAGTGACCGCGAATACGGTT
245	GGGGCCAACCGTTTCGAGGCGTAT	ATACGCCTCGAAACGGTTGGCCCC
246	TTCGGCTGGCAGTCCAAACGGCTT	AAGCCGTTTGGACTGCCAGCCGAA
247	GGGTGTGGTTAGAATGCACGGTTC	GAACCGTGCATTCTAACCACACCC
248	GCGAGGACCGAACTAGACAAACGG	CCGTTTGTCTAGTTCGGTCCTCGC
249	ACGCACGCGTGACCGAAGTTGCTG	CAGCAACTTCGGTCACGCGTGCGT
250	TAAAAGGTCGCTTTGAAAGGGGGA	TCCCCCTTTCAAAGCGACCTTTTA
251	TGCGATCGCTAACTGCTGGGACAA	TTGTCCCAGCAGTTAGCGATCGCA
252	GGAGGTATAAGCGGAGCGGCCTCA	TGAGGCCGCTCCGCTTATACCTCC
253	ATGCTGACATGTCGTGCACCTCGT	ACGAGGTGCACGACATGTCAGCAT
254	TGTGGTTAAAGCGTCCGTTCAACG	CGTTGAACGGACGCTTTAACCACA
255	CGTTCACACCGGCGTAAGCTGCGT	ACGCAGCTTACGCCGGTGTGAACG
256	CCTATCCCGGCGAGAACTTCTGTG	CACAGAAGTTCTCGCCGGGATAGG
257	GTCTGCACTCACGCAGCGGAGGGA	TCCCTCCGCTGCGTGAGTGCAGAC
258	GCACGAGTTGGTGCTCGGCAGATT	AATCTGCCGAGCACCAACTCGTGC
259	AACGTCGCACGACACGTTCGTC	GACGAACGTGTGTCGTGCGACGTT
260	ATGCGCGCTTATCCTAGCATGGTC	GACCATGCTAGGATAAGCGCGCAT
261	TCACGTTTTCGTCTCGACATGAGG	CCTCATGTCGAGACGAAAACGTGA
262	TGTGCCTCATCCTTAGGATACGGC	GCCGTATCCTAAGGATGAGGCACA
263	AGGTGGTGTGGGTCAACCGCTTTA	TAAAGCGGTTGACCCACACCACCT
264	CTGGATCGAAGGGACTGCAAGCTC	GAGCTTGCAGTCCCTTCGATCCAG
265	TAGATCAACTCGCGTACGCATGGA	TCCATGCGTACGCGAGTTGATCTA
266	GATCCTGCGGAGAAGAGAGTGCAG	CTGCACTCTCTCTCCGCAGGATC
267	TACGTGTGGAGATGCCCCGAACCG	CGGTTCGGGGCATCTCCACACGTA
268	GCGCTATGTCAATCGTGGGCGTAG	CTACGCCCACGATTGACATAGCGC
269	AGCGAGGTTTCTAGCGTCGACACC	GGTGTCGACGCTAGAAACCTCGCT
270	ACCCAGGTTTTGCCGTTGTGGAAT	ATTCCACAACGGCAAAACCTGGGT
271	CCCTGTTAACGGCTGCGTAGTCTC	GAGACTACGCAGCCGTTAACAGGG
272	AGGCCGATTTCACCCGCCAATTGC	GCAATTGGCGGGTGAAATCGGCCT
273	GAGCCCTCACTCCTTGCCCTTTGA	TCAAAGGGCAAGGAGTGAGGGCTC
274	GGGTGGACATCCGCCTCGCAGTCA	TGACTGCGAGGCGGATGTCCACCC
275	GATGGCTGAGAACCGTGCTACGAT	ATCGTAGCACGGTTCTCAGCCATC
276	TCGACGTTAGGAGTGCTGCCAGAA	TTCTGGCAGCACTCCTAACGTCGA
277	CGAATGGGTCTGGACCTTGCATAG	CTATGCAAGGTCCAGACCCATTCG
278	GTGCACCAGACATTCGAACTCGGA	TCCGAGTTCGAATGTCTGGTGCAC
279	AGAGGCCCCGTATATCCCATCCAT	ATGGATGGGATATACGGGGCCTCT
280	AACGCCTGTTCAGAGCATCAGCGG	CCGCTGATGCTCTGAACAGGCGTT
281	AAGGCTCAACACGCCTATGTGCGC	GCGCACATAGGCGTGTTGAGCCTT
282	AGTCCGTGTTGCCAGATTGGCTCG	CGAGCCAATCTGGCAACACGGACT
283	ATGTCCCATGTAAAGACGCGTGTG	CACACGCGTCTTTACATGGGACAT

284	ATGGAGTCTGCTCACGCCCAAAGG	CCTTTGGGCGTGAGCAGACTCCAT
285	CGGCCTCCAACAAGGAGCACTAAC	GTTAGTGCTCCTTGTTGGAGGCCG
286	CAGAGCCGTGGCAACATTGCGAGC	GCTCGCAATGTTGCCACGGCTCTG
287	TCATTTGAATGAGGTGCGCACCGG	CCGGTGCGCACCTCATTCAAATGA
288	GACGTACCGGAAGCGCCGTATAAA	TTTATACGGCGCTTCCGGTACGTC
289	ATGCGAGCAATGGGATCCGGATTC	GAATCCGGATCCCATTGCTCGCAT
290	AGAGTGAGGCCTCCCTGACCAGTG	CACTGGTCAGGGAGGCCTCACTCT
291	CGCACCGTAAGTAGATTTGCCCGC	GCGGGCAAATCTACTTACGGTGCG
292	TGAACCTTTGAGCACGTCGTGCGC	GCGCACGACGTGCTCAAAGGTTCA
293	TCCGCCTTTTTGGTTACCTCGAAG	CTTCGAGGTAACCAAAAAGGCGGA
294	GAACGCCAACGGCACTAACACATC	GATGTGTTAGTGCCGTTGGCGTTC
295	CCGACAGCAGCCAAGACGTCCCAG	CTGGGACGTCTTGGCTGCTGTCGG
296	CATAAAAAACCTGGGGCTCTGCG	CGCAGAGCCCCAGGTTTTTTATG
297	TGCCAACTGTGCAGACCGGACTTA	TAAGTCCGGTCTGCACAGTTGGCA
298	GGCGAAAGAGCGAAACCGGCTCGT	ACGAGCCGGTTTCGCTCTTTCGCC
299	GGGATGCGTATTTTAGCGAACACG	CGTGTTCGCTAAAATACGCATCCC
300	TGGGATTCAGCGACCAGTACGCGA	TCGCGTACTGGTCGCTGAATCCCA
301	CCCGATATTCGCCCGGCCTATTCG	CGAATAGGCCGGGCGAATATCGGG
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303	AACCTTGACCCGTGGATGACGCTA	TAGCGTCATCCACGGGTCAAGGTT
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305	GCCTCTTCTCGACGATGCGATTTT	AAAATCGCATCGTCGAGAAGAGGC
306	GCTTCCGGATGAACGGGATGGTTG	CAACCATCCCGTTCATCCGGAAGC
307	CCCTCCATGTTCTTCGAACGGTTT	AAACCGTTCGAAGAACATGGAGGG
308	TTGATGGGCGGCAATGCTCTTGCT	AGCAAGAGCATTGCCGCCCATCAA
309	ATTGTGAGATGCGCCAAATTCCCC	GGGGAATTTGGCGCATCTCACAAT
310	TCAGCACAGCCAGACGGTCAACTT	AAGTTGACCGTCTGGCTGTGCTGA
311	ACTCCACTCCTCGGTGGCAAACTA	TAGTTTGCCACCGAGGAGTGGAGT
312	TCTGGGCATGCCTGGACGGAGACG	CGTCTCCGTCCAGGCATGCCCAGA
313	TCTCAACTCCGGTACGACGAAACA	TGTTTCGTCGTACCGGAGTTGAGA
314	TTGCGTGGTCAAAGGCGCAACGTG	CACGTTGCGCCTTTGACCACGCAA
315	AGACAGCGATCCGCGGCTCATGAT	ATCATGAGCCGCGGATCGCTGTCT
316	CGCGTCTCTAACTGAGAGCAGCCA	TGGCTGCTCTCAGTTAGAGACGCG
317	AGGCGCACATGTACGGACATTCAG	CTGAATGTCCGTACATGTGCGCCT
318	GATGAGTGGCACGTCGGTGTAA	TTACACACCGACGTGCCACTCATC
319	TGATCCATATTGTCGGACGTTGCG	CGCAACGTCCGACAATATGGATCA
320	ACCTGCCGGGAGTTCATAGGCTAG	CTAGCCTATGAACTCCCGGCAGGT
321	AGCATTGGCGTTTTTCCGCAACGA	TCGTTGCGGAAAAACGCCAATGCT
322	GGTAATATTCAGCGCGACCGCTCA	TGAGCGGTCGCGCTGAATATTACC
323	ATAGCGTACGACGAGGTGACGCGC	GCGCGTCACCTCGTCGTACGCTAT
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325	ACTGCCCGTACCTCTGGTTCTGGC	GCCAGAACCAGAGGTACGGGCAGT
326	CCTTTGGCCTGAAGTTGTCGTAGC	GCTACGACAACTTCAGGCCAAAGG
327	GTGCCCACGAGCGTATCGTTGTA	TACAACGATACGCTCGTGGGGCAC
328	AGGCGCTACGTGGGCCTGGAGCAA	TTGCTCCAGGCCCACGTAGCGCCT
329	GGGTGCTACCATTGCATTAGTCCG	CGGACTAATGCAATGGTAGCACCC
330	ACCACGCGCGTACGTGTAACCGAG	CTCGGTTACACGTACGCGCGTGGT
331	CCATGATGCATTGGGTGCATTTAG	CTAAATGCACCCAATGCATCATGG
332	GGTCCGGCCCTACGAAACGTTCGA	TCGAACGTTTCGTAGGGCCGGACC
333	CCGTGTGGCTGGAGATTCGTGTGA	TCACACGAATCTCCAGCCACACGG
334	GTTAGGGCGACGCATATTGGCACA	TGTGCCAATATGCGTCGCCCTAAC
335	GGGTCAGTCAGGTGCGTTAGGATC	GATCCTAACGCACCTGACTGACCC
336	GCCGTGAAGTCGAATGCAGATCGA	TCGATCTGCATTCGACTTCACGGC
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339	TGTTTGCCGCCATTAGGGAGTAAC	GTTACTCCCTAATGGCGGCAAACA
340	GCTCCGCTGGATGTGCCGGTTTAG	CTAAACCGGCACATCCAGCGGAGC
341	CGGTAGCATGCGAGATCCCTGTTA	TAACAGGGATCTCGCATGCTACCG
342	CTACGCTCTACCAGTTGCCTGCGA	TCGCAGGCAACTGGTAGAGCGTAG
343	GTGCCTCCTGCTGTATTTGCCAAG	CTTGGCAAATACAGCAGGAGGCAC
344	TTGCGACTCGACTTGGACGAGTAG	CTACTCGTCCAAGTCGAGTCGCAA
345	TCTGGGAGCTGTTTACTCCAGCCA	TGGCTGGAGTAAACAGCTCCCAGA
346	TGCACGCGGAACTCCCTTTACCAT	ATGGTAAAGGGAGTTCCGCGTGCA
347	TGGCAGCAAATGAATCGAAAGCAC	GTGCTTTCGATTCATTTGCTGCCA
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352	ATAGCGGAGTTTGGGTACGCGAAC	GTTCGCGTACCCAAACTCCGCTAT
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354	GATTACCTGAATGGCCAAGCGAGC	GCTCGCTTGGCCATTCAGGTAATC
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356	CGGAATGATGCGCTCGACAACGCT	AGCGTTGTCGAGCGCATCATTCCG
357	TGAGAGAGGCGTTGGTTAAGGCAA	TTGCCTTAACCAACGCCTCTCTCA
358	AAGCAGGCGAAGGGATACTCCTCG	CGAGGAGTATCCCTTCGCCTGCTT
359	TCACGACAGACGGGCCGAGATTAC	GTAATCTCGGCCCGTCTGTCGTGA
360	AAGCAATTTGGCCTCGTTTTGTGA	TCACAAAACGAGGCCAAATTGCTT
361	GCTGGTTGCGGTAGGATCGCATAT	ATATGCGATCCTACCGCAACCAGC
362	TTGTGAATCCGTTCTGTCCCCGAC	GTCGGGGACAGAACGGATTCACAA
363	TGGGCTCCTCTGAGGCGAGATGGC	GCCATCTCGCCTCAGAGGAGCCCA
364	GGATAGAGTGAATCGACCGGCAAC	GTTGCCGGTCGATTCACTCTATCC
365	TGCACCGAACGTGCACGAGTAATT	AATTACTCGTGCACGTTCGGTGCA

366	GCCAGTATTCTCGGGTGTTGGACG	CGTCCAACACCCGAGAATACTGGC
367	TCGCTACCTAAGACCGGGCCATAC	GTATGGCCCGGTCTTAGGTAGCGA
368	TGGCATTGACGAGCAGCAGTCAGT	ACTGACTGCTGCTCAATGCCA
369	CGCGTCCCAGCGCCCTTGGAGTAT	ATACTCCAAGGGCGCTGGGACGCG
370	ATGAAGCCTACCGGGCGACTTCGT	ACGAAGTCGCCCGGTAGGCTTCAT
371	CCAGACAGATGGCCTGGAACCATG	CATGGTTCCAGGCCATCTGTCTGG
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373	CCGCATGGGAACACGTGTCAAGGT	ACCTTGACACGTGTTCCCATGCGG
374	GCCCACTCGTCAGCTGGACGTAAT	ATTACGTCCAGCTGACGAGTGGGC
375	ATTACGGTCGTGATCCAGAAAGCG	CGCTTTCTGGATCACGACCGTAAT
376	TGCGAGGTGAGCACCTACGAGAGA	TCTCTCGTAGGTGCTCACCTCGCA
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378	CCTCGGATGTGGGCTCTCGCCTAG	CTAGGCGAGAGCCCACATCCGAGG
379	TAGGCATGTTGGCGTGAGCGCTAT	ATAGCGCTCACGCCAACATGCCTA
380	CGATACGAACGAGGATGTCCGCCT	AGGCGGACATCCTCGTTCGTATCG
381	TACGCCGGTTAGCACGGTGCGCTA	TAGCGCACCGTGCTAACCGGCGTA
382	CATACGATGTCCGGGCCGTGTCGC	GCGACACGGCCCGGACATCGTATG
383	ATCCGCAGTTGTATGGCGCGTTAT	ATAACGCGCCATACAACTGCGGAT
384	GGGTAAGGGACAAAGATGGGATGG	CCATCCCATCTTTGTCCCTTACCC
385	ATTGGAGTGTTTTGGTGAATCCGC	GCGGATTCACCAAAACACTCCAAT
386	GAACCGAGCCAACGTATGGACACG	CGTGTCCATACGTTGGCTCGGTTC
387	GCCGTCAAGCTTAAGGTTTTGGGC	GCCCAAAACCTTAAGCTTGACGGC
388	ACCTGCTTTTGGGTGGGTGATATG	CATATCACCCACCCAAAAGCAGGT
389	AATCGTGGGCGCAGCAAACGTATA	TATACGTTTGCTGCGCCCACGATT
390	GTCGCCGGATTGCTCAGTATAAGC	GCTTATACTGAGCAATCCGGCGAC
391	ACCCGTCGATGCTTCCTCCTCAGA	TCTGAGGAGGAAGCATCGACGGGT
392	ATCCGGGTGGGCGATACAAGAGAT	ATCTCTTGTATCGCCCACCCGGAT
393	TTCCGCATGAGTCAGCTTTGAAAA	TTTTCAAAGCTGACTCATGCGGAA
394	GCAAAGTCCCACTGGCAAGCCGAT	ATCGGCTTGCCAGTGGGACTTTGC
395	CGACCTCGGCTTCATCGTACACAT	ATGTGTACGATGAAGCCGAGGTCG
396	CTCATGAGCGCAGTTGTGCGTGAG	CTCACGCACAACTGCGCTCATGAG
397	CAGATGAAGGATCCACGGCCGGAG	CTCCGGCCGTGGATCCTTCATCTG
398	TCAAAGGCTCTTGGATACAGCCGT	ACGGCTGTATCCAAGAGCCTTTGA
399	TCCGCTAATTTCCAATCAGGGCTC	GAGCCCTGATTGGAAATTAGCGGA
400	ACGCACGGCGCTTTTGCCTTAATG	CATTAAGGCAAAAGCGCCGTGCGT
401	TGACAACGTCACAAGGAGCAGGAC	GTCCTGCTCCTTGTGACGTTGTCA
402	CTTAGTTGGGGCGCGGTATCCAGA	TCTGGATACCGCGCCCCAACTAAG
403	GCTCTAATGCCGTGGAGTCGGAAC	GTTCCGACTCCACGGCATTAGAGC
404	CCGATTACAAATTGACTGACCGCA	TGCGGTCAGTCAATTTGTAATCGG
405	AGACGTACGTGAGCCTCCCGTGTC	GACACGGGAGGCTCACGTACGTCT
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411	CCATTGACAGGAGAGCCATGAGCC	GGCTCATGGCTCTCCTGTCAATGG
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424	GAGCTTGAGAGCGAGGTCATCCTC	GAGGATGACCTCGCTCTCAAGCTC
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682	GTGACCGCGAACTTGTTCCGACAG	CTGTCGGAACAAGTTCGCGGTCAC
683	TGCGGATTACCGATTCGCTCTTAA	TTAAGAGCGAATCGGTAATCCGCA
684	TGATAGGGGGCCACGTTGATCAGA	TCTGATCAACGTGGCCCCCTATCA
685	TCGCTCCGTAGCGATTCATCGTAG	CTACGATGAATCGCTACGGAGCGA
686	TGTCAGCTGGTAGCCTCCGTTTGA	TCAAACGGAGGCTACCAGCTGACA
687	AGCGTCGCATGACGCTTACGGCAC	GTGCCGTAAGCGTCATGCGACGCT
688	TCACTCAGCGCTGTGACTGCCTGA	TCAGGCAGTCACAGCGCTGAGTGA
689	GTTTGCGCTATAGTGGGGGACCGT	ACGGTCCCCCACTATAGCGCAAAC
690	GTCGCATTCTGCACTGGCTTCGCC	GGCGAAGCCAGTGCAGAATGCGAC
691	TGATTAGGTGCGGTCCCGTAGTCC	GGACTACGGGACCGCACCTAATCA
692	AAGGGACCTTGGGTGACGGCGAGA	TCTCGCCGTCACCCAAGGTCCCTT
693	TCAAATGGCCACCGCGTGTCATTC	GAATGACACGCGGTGGCCATTTGA

694	CTCCGACGACCAATAAATAGCCGC	GCGGCTATTTATTGGTCGTCGGAG
695	GGCTATTCCCGTAGAGAGCGTCCA	TGGACGCTCTCTACGGGAATAGCC
696	TGGATAACCTCTCGGTCCATCCAC	GTGGATGGACCGAGAGGTTATCCA
697	GACCGCTGTACGGGAGTGTGCCTT	AAGGCACACTCCCGTACAGCGGTC
698	GCCACAGAGTTTTAGCAGGGACCC	GGGTCCCTGCTAAAACTCTGTGGC
699	CCCACGCTTTCCGACCACTGACCT	AGGTCAGTGGTCGGAAAGCGTGGG
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701	AGCCACTCGACAGGGTTCCAAAGC	GCTTTGGAACCCTGTCGAGTGGCT
702	CAGGATGAGCAAAGCGACTCTCCA	TGGAGAGTCGCTTTGCTCATCCTG
703	CAAGGTATGGTCTGGGGCCTAAGC	GCTTAGGCCCCAGACCATACCTTG
704	GGTGTTCGGCCTAAACTCTTTCGG	CCGAAAGAGTTTAGGCCGAACACC
705	TTTAGTCGGACCCTGTGGCAATTC	GAATTGCCACAGGGTCCGACTAAA
706	CACACGTTTCCGACCAGCCTGAAC	GTTCAGGCTGGTCGGAAACGTGTG
707	CTGGACGAACTGGCTTCCTCGTAC	GTACGAGGAAGCCAGTTCGTCCAG
708	TTCACAATCCGCCGAAAACTGACC	GGTCAGTTTTCGGCGGATTGTGAA
709	AACAGGATATCCGCGATCACGACA	TGTCGTGATCGCGGATATCCTGTT
710	TACGTCGGATCCATTGCGCCGAGT	ACTCGGCGCAATGGATCCGACGTA
711	CATGGATCTCTCGGTTTGATCGCC	GGCGATCAAACCGAGAGATCCATG
712	AGCCAGGCGCGTATATACGCTCGG	CCGAGCGTATATACGCGCCTGGCT
713	ATTTGGCACGTGTCGTGCCATGTT	AACATGGCACGACACGTGCCAAAT
714	CCGCGTTGCACCACTTTGAGGTGC	GCACCTCAAAGTGGTGCAACGCGG
715	TTGGACGTGACAAGCATGGCGCTC	GAGCGCCATGCTTGTCACGTCCAA
716	CTGAATCGCGCAAGTAAATGGGGG	CCCCCATTTACTTGCGCGATTCAG
717	GATAAGGTCCACCAGATTGCGCGC	GCGCGCAATCTGGTGGACCTTATC
718	CTAACAATTGCCAACCGGGACGGC	GCCGTCCCGGTTGGCAATTGTTAG
719	GGTAACCTGGGTGCTTGCAGGTTA	TAACCTGCAAGCACCCAGGTTACC
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721	GTGAACTGGCTTGCCCCAGGATTA	TAATCCTGGGGCAAGCCAGTTCAC
722	AGGCGATAGCATGGTCCCATATGA	TCATATGGGACCATGCTATCGCCT
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724	AGTAGTGGTCCTCCAGATCGGCAA	TTGCCGATCTGGAGGACCACTACT
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726	GCATAAGTGCGGCATCGCGAAGGG	CCCTTCGCGATGCCGCACTTATGC
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732	AGCGCTGGGCTGTGCCATCTC	GAGATGGCAGCACAGCCCAGCGCT
733	TTCATGTCGCTGAGTAACCCTCGC	GCGAGGGTTACTCAGCGACATGAA
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742	TCCGATGCCAGTCCCATCTTAAGA	TCTTAAGATGGGACTGGCATCGGA
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746	GAGTCACCTCTGAGACGGACGCCA	TGGCGTCCGTCTCAGAGGTGACTC
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768	TAGGAGGAATTTGGCATGCGGGCG	CGCCCGCATGCCAAATTCCTCCTA
769	ATAGGTAGGATGTGCCCGGCGTTG	CAACGCCGGGCACATCCTACCTAT
770	GCAAGTGCTTAGCTCGTCAGCCTC	GAGGCTGACGAGCTAAGCACTTGC
771	CTGGCTGTGTCGCATCTCGTTAAC	GTTAACGAGATGCGACACAGCCAG
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827	ACTCGCCTATTACCGCTGGATTGG	CCAATCCAGCGGTAATAGGCGAGT
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	906	ACGCAATTCCGCATTACTTACCCG	CGGG
	907	CGCCTCGACTGCGGTCAAGCACAA	TTGTG
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	909	TATAAACGCTGCAGGGCTCCGTTA	TAACG
	910	GTTATTCAGGCGGCTTGTAACGGG	CCCG
	911	GGGTTCTAGCGTGCGCGTTCAGTT	AACTO
	912	TTGGGCTCGAGCGGTACACCACTA	TAGTO
15	913	CCGTCTTCAGGACAACGGTATGCG	CGCA ⁻
gadern-in gamenta	914	GGACCCTTTGACAGATTGCGGCAC	GTGC
Full of the control o	915	TAAATTTTATCGCCAGGCGGCGCT	AGCG
20	916	GCCGAACGCAAGATCGCTTGAACT	AGTTC
	917	TAGGCCATTGGTGCCCTAAGACGG	CCGT
20	918	CAAACCACAGCTTACAGGCTGCGT	ACGC
	919	TAAACGGAGACTGGCACGGTAGCA	TGCTA
	920	TAGCGCGCATCACACTTGGAATCG	CGAT
	921	TGCTGACACAAACGAGCCGTTTCG	CGAA
But a process of the control of the	922	CGCTTAACGGCATTGACTGTCCAC	GTGG.
25	923	TTCCACGGCCGTGTATTACGGATA	TATCO
12	924	TTTATGCCGTTGCCGAGGAAGACT	AGTC
ACTIONS OF THE PROPERTY OF THE	925	AGTGCCGAGATAGGGGACTGGGCG	CGCC
£*****	926	CTAGTCTCCACGCCCTCGGGACGA	TCGT
	927	CCGCCATTCGGAAGATGGATGATG	CATCA
30	928	TGACGGTGAAAGTCGATTGCGAAG	СТТСС
	929	ATATGCGTCACCACCCGGTTCCGA	TCGG
	930	CCATCAGTGAAGGGGTTGCTGCCA	TGGC
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	932	TCTGCTTTGGAAGCCTGAACTGCT	AGCA
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	937	GCGGCGATGCTCCTTAAAGGGTA	TACCO
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943	CAAGCGTGGAAGTACGACCCGCCA	TGGCGGGTCGTACTTCCACGCTTG	
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945	TCCCTGGGCTAGCATTGCGAGGTT	AACCTCGCAATGCTAGCCCAGGGA	
946	AGAACCAAAGACGCTTGTTTGCCG	CGGCAAACAAGCGTCTTTGGTTCT	
947	CGTCACATGCAAACGTTCCCTCCC	GGGAGGGAACGTTTGCATGTGACG	
948	TGACCGCATGTGTATTGAGTCGCT	AGCGACTCAATACACATGCGGTCA	
949	GCGGGCCCAATGAGTATCCGTCAT	ATGACGGATACTCATTGGGCCCGC	
950	TAGTGACTGTGAACGCCCCTGGTT	AACCAGGGGCGTTCACAGTCACTA	
951	GGCACCGTCTGCCGCGCGTATATC	GATATACGCGCGGCAGACGGTGCC	
952	TCGATGCAGTCTTTTTCCCGTCAA	TTGACGGGAAAAAGACTGCATCGA	
953	ACCCCGTGGGGTTTCGCCATTTTT	AAAAATGGCGAAACCCCACGGGGT	
954	CTACACGCGCAGTTGTGACTTGTG	CACAAGTCACAACTGCGCGTGTAG	
955	CGCAGCGACCTCATCTCTGGAGCC	GGCTCCAGAGATGAGGTCGCTGCG	
956	CGACCCAGCACTCCTAAAATCGGT	ACCGATTTTAGGAGTGCTGGGTCG	
957	ACGCGCCGCTCATCACTACAATCT	AGATTGTAGTGATGAGCGGCGCGT	
958	CGCAACTTCCTGTGGCAAAGCCAG	CTGGCTTTGCCACAGGAAGTTGCG	
959	TCGTTGGGCACATAAGGCAACTGA	TCAGTTGCCTTATGTGCCCAACGA	
960	CCGCTTGTAATTGCCATTCTCCGT	ACGGAGAATGGCAATTACAAGCGG	
961	GTAACCAGGGAGTCCTGGGCTGTG	CACAGCCCAGGACTCCCTGGTTAC	
962	AGCGCAAGATCTGGGGGCAGTCAC	GTGACTGCCCCCAGATCTTGCGCT	
963	GCGTACATCTGCTCATCAGCATGG	CCATGCTGATGAGCAGATGTACGC	
964	CCTCTGTGGCAGGAAAGAAACCGT	ACGGTTTCTTTCCTGCCACAGAGG	
965	CCTATGCAATGGACCTGCATCGGA	TCCGATGCAGGTCCATTGCATAGG	
966	CTCGGTGGATGGCGAATAAGGATA	TATCCTTATTCGCCATCCACCGAG	
967	CCTCACTCGTGATGGCGTGACGCA	TGCGTCACGCCATCACGAGTGAGG	
968	TACGCTCACAGAACGCCATACGCC	GGCGTATGGCGTTCTGTGAGCGTA	
969	CCGGAGAAGTTACGCGGATCGGAC	GTCCGATCCGCGTAACTTCTCCGG	
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971	ACTTTCAGCACGCGAACAGCGCAA	TTGCGCTGTTCGCGTGCTGAAAGT	
972	CTAAACGCCCTTGATGCATGAGCA	TGCTCATGCATCAAGGGCGTTTAG	
973	GCTTGCCTTTTACGATCGTCGCTA	TAGCGACGATCGTAAAAGGCAAGC	
974	CAGACATCGTACGCACTCGGCATC	GATGCCGAGTGCGTACGATGTCTG	
975	TAGCCGCGCGCTCCTATGCTCTT	AAGAGCATAGGAGCCGCGCGCTA	
976	GATGCCCTTTTGGTCCCCATGCCA	TGGCATGGGGACCAAAAGGGCATC	
977	TGAGCTGCCTTGCCACGATGCCTC	GAGGCATCGTGGCAAGGCAGCTCA	
978	CCGCCGTATACGTGCCATAGTTTG	CAAACTATGGCACGTATACGGCGG	
979	TAGTGCTCTCCGCGCTCATCCAAC	GTTGGATGAGCGCGGAGAGCACTA	
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983	CGCACGGCTACTAACAGCGGATCA	TGATCCGCTGTTAGTAGCCGTGCG
984	CCGGACCAATTCCAACGAGCATCG	CGATGCTCGTTGGAATTGGTCCGG
985	CATTGAGGTCCACCGTTCACATCC	GGATGTGAACGGTGGACCTCAATG
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987	TAATCGCGGGCCATACTACCAACG	CGTTGGTAGTATGGCCCGCGATTA
988	CGCAAATTTCTCCGGTCGGCAAGC	GCTTGCCGACCGGAGAAATTTGCG
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991	GTTCTTCCTTTTCTGCGGTGGGAA	TTCCCACCGCAGAAAAGGAAGAAC
992	ACCTCGAGTCAGATTGTGCGCCTT	AAGGCGCACAATCTGACTCGAGGT
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996	GCCGTGACTCCTGCAATGTCGGTA	TACCGACATTGCAGGAGTCACGGC
997	ATCAGCGCAAGCTGGTCTGAAACA	TGTTTCAGACCAGCTTGCGCTGAT
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1016	ATGAGGGCAAGGAATGGGTCATGC	GCATGACCCATTCCTTGCCCTCAT
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1018	TATCTTGCGCAACGCCTCCATTTA	TAAATGGAGGCGTTGCGCAAGATA
1019	GGTTACACCTACGGAATCCAGCGG	CCGCTGGATTCCGTAGGTGTAACC
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1079	AGCGGGAAGGTCTGAGGAGGGAAA	TTTCCCTCCTCAGACCTTCCCGCT
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1082	CACCAGCCTTACGTGCGGCGTTAA	TTAACGCCGCACGTAAGGCTGGTG
1083	CGTTTCGCCTCCTCTTCCGAATGC	GCATTCGGAAGAGGAGGCGAAACG
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1127	AGGAAGGCCACCATCCAATATTCG	CGAATATTGGATGGTGGCCTTCCT
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1139	GAGAACCACAGGTGGTCCACCCTA	TAGGGTGGACCACCTGTGGTTCTC
1140	CCTCGCTAGAGAAATCCACGGGAT	ATCCCGTGGATTTCTCTAGCGAGG
1141	TAACATCGGTGCAAACCGTGGCGC	GCGCCACGGTTTGCACCGATGTTA
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1191	TACGGGGTGATGTTAAGCTACGCG	CGCGTAGCTTAACATCACCCCGTA
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1198	TTCGTTCGTGCACTGGATTCTTGA	TCAAGAATCCAGTGCACGAACGAA
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1223	TACTCCAGTCGCCTGCGCGCAAAC	GTTTGCGCGCAGGCGACTGGAGTA
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1225	AGTCCGCGCGAAATACGAACAGTA	TACTGTTCGTATTTCGCGCGGACT
1226	ATGTTGCACGCGCACTGTATCACA	TGTGATACAGTGCGCGTGCAACAT

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1227	ATCGCCTAACTACCCGCGGCGTGC	GCACGCCGCGGTAGTTAGGCGAT
1228	TGGCCAGGGAACACAAGCTCGGTA	TACCGAGCTTGTGTTCCCTGGCCA
1229	AAACATGGGTCGCGTCTGAGATCA	TGATCTCAGACGCGACCCATGTTT
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1232	AATGGGGCACAGTCTCGCTTGACA	TGTCAAGCGAGACTGTGCCCCATT
1233	TGTCTCGGGCCTTCAGGACACACT	AGTGTGTCCTGAAGGCCCGAGACA
1234	TCCACCTTCATTAAGTGGTTCGGC	GCCGAACCACTTAATGAAGGTGGA
1235	GCTTCGGAATCATCCACCTGTCAT	ATGACAGGTGGATGATTCCGAAGC
1236	GAGCCGATGGGCTATCGTCGTCGG	CCGACGACGATAGCCCATCGGCTC
1237	CACGAATTACGCACGCACAGAGGA	TCCTCTGTGCGTGCGTAATTCGTG
1238	GCTGTGACGCTCCCCTCAACTAGG	CCTAGTTGAGGGGAGCGTCACAGC
1239	CGCTCTGAAAACGCGGGCTACGTT	AACGTAGCCCGCGTTTTCAGAGCG
1240	GAGTGCTGGACACCGTAGCCAGGA	TCCTGGCTACGGTGTCCAGCACTC
1241	CCAACCCCAGTGTAGGCGCAAATG	CATTTGCGCCTACACTGGGGTTGG
1242	GAAGTAGGGGATGTTGGCCGGCGG	CCGCCGGCCAACATCCCCTACTTC
1243	CAACGTGGGCACCTGTTTTAGCAG	CTGCTAAAACAGGTGCCCACGTTG
1244	CTAGCTGCGATCCGAACCTCTACG	CGTAGAGGTTCGGATCGCAGCTAG
1245	CATTGAACCATCAGCCAAGCTGCG	CGCAGCTTGGCTGATGGTTCAATG
1246	AGACTGGCAATTTTTCGAGGCCAA	TTGGCCTCGAAAAATTGCCAGTCT
1247	CTGGCCGTCCATGAGTTGGTCCAG	CTGGACCAACTCATGGACGGCCAG
1248	CATGCTGAAACACGGGATTGCCAT	ATGGCAATCCCGTGTTTCAGCATG
1249	CGATATGTAAGACAGCCGTCGCAA	TTGCGACGGCTGTCTTACATATCG
1250	AGCGTAACCTACTGGGAAGGCACC	GGTGCCTTCCCAGTAGGTTACGCT
1251	GTTCGAACCCCGCGATGTTAAATG	CATTTAACATCGCGGGGTTCGAAC
1252	GTTGTTAGGAGGCTCGAGGCTGCT	AGCAGCCTCGAGCCTCCTAACAAC
1253	ACTGGTGCTACGCGGGATATTTGA	TCAAATATCCCGCGTAGCACCAGT
1254	CTGGGAGCTATCCTCAGCCGAATC	GATTCGGCTGAGGATAGCTCCCAG
1255	GAACTCGCCGCTGCCGAAGGGTAG	CTACCCTTCGGCAGCGGCGAGTTC
1256	TTCGATCGAGGAGCAAGGAGAGTC	GACTCTCCTTGCTCCTCGATCGAA
1257	GGGGAAAATTGAGGCCTTAGCCAT	ATGGCTAAGGCCTCAATTTTCCCC
1258	CTAAGGTCAAAGCGCTGTCGCCAG	CTGGCGACAGCGCTTTGACCTTAG
1259	CCGTAGCGGTGCTCGACCAGGTTC	GAACCTGGTCGAGCACCGCTACGG
1260	TGGGGACGAATCCGAATGTAGTGA	TCACTACATTCGGATTCGTCCCCA
1261	GTCATGTAATTGCATCCCACGGGT	ACCCGTGGGATGCAATTACATGAC
1262	CTTTGCGCGGTGGTCAATAAAAAG	CTTTTTATTGACCACCGCGCAAAG
1263	CTCGGGGATGCCCTCTTGGCATTA	TAATGCCAAGAGGGCATCCCCGAG
1264	CGAAACGTGGTGCAGAAACCTGAA	TTCAGGTTTCTGCACCACGTTTCG
1265	GGAGTTCACGAGTCGAGCAGTCGC	GCGACTGCTCGACTCGTGAACTCC
1266	AGCCGTTTTCAAAGATCTCGACGA	TCGTCGAGATCTTTGAAAACGGCT
1267	TGGCTGGACATTGTCTGCAATGCA	TGCATTGCAGACAATGTCCAGCCA

1268	ATCGGCTGCCTCAGTCCCTAATTT	AAATTAGGGACTGAGGCAGCCGAT
1269	CCAGCATGGAGTTAAGTGAGCGCG	CGCGCTCACTTAACTCCATGCTGG
1270	TTCATATTTACGAATGCCGGGTGC	GCACCCGGCATTCGTAAATATGAA
1271	CGAAATCGCACAGGAATTCGCGTC	GACGCGAATTCCTGTGCGATTTCG
1272	GGCAATTTCGGGACACTCGTTTCA	TGAAACGAGTGTCCCGAAATTGCC
1273	TTTGTGATTGGGGGTATAACCCGA	TCGGGTTATACCCCCAATCACAAA
1274	CCCAGCTAATCCAGCTTGGGCTGT	ACAGCCCAAGCTGGATTAGCTGGG
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1277	GCACGGGGTCTCAATGCTTAGGGT	ACCCTAAGCATTGAGACCCCGTGC
1278	GCGCAACAAGTAGCCTACCGAGGC	GCCTCGGTAGGCTACTTGTTGCGC
1279	TAGCAGGCTGATGCCGTCTACACA	TGTGTAGACGGCATCAGCCTGCTA
1280	GCAAGCGGCGATCGTACAACTTGT	ACAAGTTGTACGATCGCCGCTTGC
1281	GCACCTCTGGTAAGCCTGAAAGGG	CCCTTTCAGGCTTACCAGAGGTGC
1282	CGAGGCGGTGAGTGCATACCGTG	CACGGTATGCACTCACCGCCCTCG
1283	GGATTAACCGGAACTGCCCTTCTG	CAGAAGGCAGTTCCGGTTAATCC
1284	GATATTGGGTCCGGCGCGCATTAC	GTAATGCGCGCCGGACCCAATATC
1285	GGCCTTTAATCTCCGGTCGCAATG	CATTGCGACCGGAGATTAAAGGCC
1286	AACCTTAGTGCGGCTAGGTGGGGT	ACCCCACCTAGCCGCACTAAGGTT
1287	CACGCTGACGCCAGTGTGGTGAGG	CCTCACCACACTGGCGTCAGCGTG
1288	GGTTCCCTTGACCCACCGAATTGA	TCAATTCGGTGGGTCAAGGGAACC
1289	TTCTGACAACATCGACCCTGGCTC	GAGCCAGGGTCGATGTTGTCAGAA
1290	GCGAGCGAAGATAATCCCCAAACT	AGTTTGGGGATTATCTTCGCTCGC
1291	GTACTCTGTGCAACGGTCCCGAGT	ACTCGGGACCGTTGCACAGAGTAC
1292	ACACGCCAGGAACAGTGTCTGTGA	TCACAGACACTGTTCCTGGCGTGT
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1295	CTTAGAGGGACGAGGCCATGAATG	CATTCATGGCCTCGTCCCTCTAAG
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1298	GCACTGGTCTACCAAGCTTGTCCC	GGGACAAGCTTGGTAGACCAGTGC
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1303	GATCATCAGGGGTTATGCGTCGCG	CGCGACGCATAACCCCTGATGATC
1304	CTCACTCATTCTGATTGCCCGCGG	CCGCGGCAATCAGAATGAGTGAG
1305	GGGGTGATCTCTCGAACGTCACCC	GGGTGACGTTCGAGAGATCACCCC
1306	AAGGTTGCTGCTAGCGTACCTCGA	TCGAGGTACGCTAGCAGCAACCTT
1307	TATAGATCGCCCAACAGGCAGGAG	CTCCTGCCTGTTGGGCGATCTATA
1308	GTTTGGACCTGTTGGGAGTGGGCA	TGCCCACTCCCAACAGGTCCAAAC

1309	ATTGGGGAAAACCCGGTCTCAAGG	CCTTGAGACCGGGTTTTCCCCAAT
1310	TCGACGATAAAGTGCTCACGGGAC	GTCCCGTGAGCACTTTATCGTCGA
1311	CGATAGAATTCAATGCAGGGCGGA	TCCGCCCTGCATTGAATTCTATCG
1312	CGGTTCGCTACGGCGGCTGGTTTC	GAAACCAGCCGCCGTAGCGAACCG
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1314	ACGACCTTACACTCGGATCCGACG	CGTCGGATCCGAGTGTAAGGTCGT
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1316	CCAGAAAGAAAATGGCGCCCGGAT	ATCCGGGCGCCATTTTCTTTCTGG
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1318	GAGATCACACTCGGAAACCGGATG	CATCCGGTTTCCGAGTGTGATCTC
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1320	CCGAGCTGCACGAGCACACAAGT	ACTTTGTGTGCTCGTGCAGCTCGG
1321	TTCCACAAGGCGGCATAGTGAGGC	GCCTCACTATGCCGCCTTGTGGAA
1322	AGCAAACTGGAATCCGGAAAAACC	GGTTTTTCCGGATTCCAGTTTGCT
1323	CGCTATGTCGCAGCATGCATTTAC	GTAAATGCATGCTGCGACATAGCG
1324	AGTCACGCCCAACGTCGGTTCTTT	AAAGAACCGACGTTGGGCGTGACT
1325	AGTGGGCGCACTTGGCCTTAAATA	TATTTAAGGCCAAGTGCGCCCACT
1326	ACTTGCAACTTCGGCCGTTTGACT	AGTCAAACGGCCGAAGTTGCAAGT
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1328	AGCGTGACCACCCTACAATGGCAA	TTGCCATTGTAGGGTGGTCACGCT
1329	GCAGGCATCCGGCAGAGATGTCTC	GAGACATCTCTGCCGGATGCCTGC
1330	GAGCGGCTAAGAGGCCAGACCAAA	TTTGGTCTGGCCTCTTAGCCGCTC
1331	CACAGAACAGGGTGTTTCCCGCTA	TAGCGGGAAACACCCTGTTCTGTG
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1341	GCTCGCCGCGCGTCTTTATGTCTG	CAGACATAAAGACGCGCGGCGAGC
1342	ATGAACATCGCGAGGCAAGCCTTT	AAAGGCTTGCCTCGCGATGTTCAT
1343	CAACCGCGCCCACCAACATTAAGG	CCTTAATGTTGGTGGGCGCGGTTG
1344	TGATCGAGGACGGCTTGGTAGCCT	AGGCTACCAAGCCGTCCTCGATCA
1345	GGAGGCATGCCTTCCGAGAGCAAC	GTTGCTCTCGGAAGGCATGCCTCC
1346	CACCGATCCTCAACGCAATTGCTA	TAGCAATTGCGTTGAGGATCGGTG
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1348	CTGTTCCAGGCGTAACCAGCGGGC	GCCCGCTGGTTACGCCTGGAACAG
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1352	GTAGGGTCAAGCACGATTGAAGCC	GGCTTCAATCGTGCTTGACCCTAC
1353	CACCGGCGGTTCGACTAACGTGAC	GTCACGTTAGTCGAACCGCCGGTG
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1361	CGCGATTGACTGAACCACACCTCT	AGAGGTGTGGTTCAGTCAATCGCG
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1365	ATGCCGTGTTCATCTTGATGGTCC	GGACCATCAAGATGAACACGGCAT
1366	TTCGTGGAGGGACTTTGGAGATCC	GGATCTCCAAAGTCCCTCCACGAA
1367	GAAGCGCCGTAACGTACACCGTCG	CGACGGTGTACGTTACGGCGCTTC
1368	AGCGTGCGCTTGGCTATAAGGCTA	TAGCCTTATAGCCAAGCGCACGCT
1369	ACAGTCAGGAGTAACGCCGCTCAA	TTGAGCGGCGTTACTCCTGACTGT
1370	TTTAGCCGCTGCGACTGTAGGAAA	TTTCCTACAGTCGCAGCGGCTAAA
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1374	GAGGGCGCAACATATGCAGTGCTG	CAGCACTGCATATGTTGCGCCCTC
1375	CGTACGGACATCGATGACGCAACG	CGTTGCGTCATCGATGTCCGTACG
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1377	AGGAAGTGGATGAACGCGGCTGCA	TGCAGCCGCGTTCATCCACTTCCT
1378	GGGTTGCTCACCCTCGTCATCAGG	CCTGATGACGAGGGTGAGCAACCC
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1381	TCAATAGCACCTAGCATGCTCCCG	CGGGAGCATGCTAGGTGCTATTGA
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1384	TACGGCAACTGTCGATACGAGGGC	GCCCTCGTATCGACAGTTGCCGTA
1385	GGTTCCCTATCCAGCACTCCTCGC	GCGAGGAGTGCTGGATAGGGAACC
1386	ATAAGCGCGCCACAGGTATGTACC	GGTACATACCTGTGGCGCGCTTAT
1387	GAAAGTCGCCAACAGACTCGAGCA	TGCTCGAGTCTGTTGGCGACTTTC
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1397	GGCACTATACCGGTTCTGGACGCG	CGCGTCCAGAACCGGTATAGTGCC
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1414	ACAAGGCTTCGGCTGGCAGAATAC	GTATTCTGCCAGCCGAAGCCTTGT
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1424	GACCCTCACGGTCATCAGAGGGAG	CTCCCTCTGATGACCGTGAGGGTC
1425	CCGTTCAACACAGTGATACACGCG	CGCGTGTATCACTGTGTTGAACGG
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1427	GGTCGGAACTGATCTGTGCGATCC	GGATCGCACAGATCAGTTCCGACC
1428	TGCTCCTTCCTAGGGTCATCCGTG	CACGGATGACCCTAGGAAGGAGCA
1429	GTGGACTTTGACGCCGGCTACCGC	GCGGTAGCCGGCGTCAAAGTCCAC
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5	
10	
15	
20 25 25 25	
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35	

1435 GCGCTTGGAGACTGTCAGGACCGTG CACGTCCTGACAGCTCTCCAAGCGC 1436 CAAACCGCTGGTTTCTCCACCTGT ACAGGTGGAGAAACCAGCGGTTTG 1437 GCGATTGCTTGGAGATCGGTGACTA TAGTCACCGATCCCAAGCAATCGC 1438 CTCAGCGACATTTTTCTGGTGGCG CGCCACCAGAAAAATGTCGCTGAG 1438 CAGCGGCGTGTTAACTCAGGACT AGTCCTGAGGAGTACGCCGTG 1440 GACAGCCGTGAACGCTCAGGCCGTT 1440 GACAGCCGTGAACGCTCAGGCCGTT 1441 GGGCCGTAGAGGCATCGGGTAAAG 1431 TGCCAAATCGCACCTTGAGACA CTTTACCCGATGCCTCTACGGCCC 1442 CGCCGCTCACCTGCTTAAAGCATT AATGCTTTAAGCAGGTGAGCGCCG 1443 TGCCAAATCGCAACTCTTGAGACA TGTCTCAAGAGTTGCGATTTTGGCA 1444 CCCCGATCGGGTGAATCCCCT AGGAGAATTACACCGATCGGGT 1445 CAAGGTCCAGGTGACCACCACT AGGAGAATTACACCCGATCGGGC 1446 CAAGCTCAGGTGACCACCACT AGGAGAATTACACCCGATCGGCC 1447 CAGCAGCTTCAGTGTATGCATGCG CGCATGCATACCACTGGACCTTG 1448 CGGACCAAGATGGCAGCAACCACT AGGAGAATTACACCCGATCGGCT 1449 CTACCACGCTCTCGGCGGGGCTGTA TAAGCCCGGCGCAAGAGGCTGCG 1449 CTACCACGCTCTCGCCGGGGCTGTA TACAGCCCGCGCAAGAGCGTGCTG 1450 ACGTGGTTAGGAATCCAG CTGGATTACTGCCATCTTGGTCCG 1451 CGACATATCCGACAGACCACT ACACGCCTCACCACGT 1452 GCGCCCAGGCTGTGTAGACAAATA TATTTTCTAACACACCCTTACCACGT 1453 AGCTGGGACTCCGGACCACTTTACACACACGT 1454 CGGCCCCAGGCTTGTTAGAAAATA TATTTTCTAACACACCCTTAGCCACGT 1455 TCGTTCCTCTGGACCAACACTT AAGTTGACACACCGTTACCACGCT 1456 CGGCCCCAGGCTGTATCACACACTT AAGTTGACACACCCTGGGCGC 1457 TATCTTTGCAACACACTT AAGTTGACACACGCTTGCACACACGT 1458 TGCAAGGGAAAACACACTTCAGACC TGCTGAACACACT 1459 ACTGCTAACCGCTGGACCACTCGACC 1459 ACTGCTAACCACGACTCCACCCGGACCACCCGGACACACAC			
1434 GCCGCACTCCAATACCCACTGTTT AAACAGTGGGTATTGGAGTGCCCC 1435 GCGCTTGGAGACTGTCAGGACGTG 1436 CAAACCGCTGGTTTCTCCACCTGT ACAGCTGCGTACAGAACCAGCGGTTTG 1437 GCGATTGCTTGGGATCACTTATAGCACCGACCCAACAGCGGTTTG 1438 CTCAGCGACATTTTCTCGACTGGCG 1439 CAGCGGCGTCGTTTACTCAGGACT 1439 CAGCGGCGTCGTTTACTCAGGACT 1440 GACAGCCGTGAACGCTCAGCCGTT 1441 GGGCCGTAGAGGCTCAGCCGTT 1441 GGGCCGTAGAGGCATCGGGTAAAG 1442 CGCCGCTCACCTGCTTAAAGCATT AATCCTTTAAGCAGGTTAGCCGCGCT 1444 CCCCGATCGGGTAAAG 1445 CAAGGTCAGGGTAAAGCATT 1446 CCCCGATCGGGTAAAGCATT 1447 CAGCAGCTTCAGTGTATAGCACA 1448 CCCAATCCGGTTAATTCTCCCT 1448 CGACCCTTCAGTGTATAGCACA 1449 CAGCAGCTTCAGTGTATAGCACA 1440 CAGCAGCTTCAGTGTATAGCACA 1441 CAGCAGCGTGACCACCACT 1442 CCCCAATCCGGTTAAACCACCACT 1443 TGCCAAATCGCAACTCTTGAGACA 1444 CCCCGATCGGTGTAATTCTCCCT 1446 CGAGCCTTCAGTGGTATGCATCC 1447 CAGCAGCGTGCCATCTCAACTTA 1448 CGACCAAGATGCCAGTATCCAC 1449 CTACCACGCTTCCGCGGGCTTA 1440 CAGCAGCTGCCATCTCAACTTA 1441 CAGCAGCGTGCCATCTCAACTTA 1442 CGGCCAAGATGCCAGTAATCCAC 1444 CCCCCGAGCGTGCCATCTCAACTTA 1445 CAGCACTAGCACGATAATCCAC 1446 CGGCCAAGATGCACGATAATCCAC 1447 CAGCAGCGTGCCATCTCAACTTA 1448 CGGACCAAGATGCACGATAATCCAC 1450 ACGTGGTTAGGCATGCACTTA 1451 CGACCAAGTTGCCAGCTTA 1452 CGGCCCAGCCTTGTCCACTGACTA 1453 AGCTGGGACTCCGGAGCTGTA 1454 CGGCCCAGCCTGTGCACTAGCCG 1451 CGACCAAGTTCCAGCATGACCACTT 1452 CGCCCAGCCTGTGTTAGAAAATA 1451 AGCTGGAATACCACCTGGATG 1452 CGGCCCAGCCTGTGTTAGAAAATA 1453 AGCTGGAACCCCTGGAACCTTAGCTC 1454 CGGTCGTAACCACTTGATG 1456 CGGCCAAGCACACACTT 1457 TATCTTGCAGAGCACAACACTT 1458 TGCAAGGGAAAACCCCATGACC 1457 TATCTTGCAGAGCACAACACTT 1458 TGCAAGGGAAAACCCACACT 1459 ACTCCAAGCCCAACACACTT 1451 CACCAAGCGCACTTCAACACT 1451 CACCAAGCGCACTTCAACACT 1452 CGGCCAAGCCACTCCACTACAC 1453 AGCTGGAACACACTCCGCC 1455 TGCTTCCTCTGGAACAAACCCACACACACACACACACACA	1432	GCGACGAAGAGATCCAGCAAGCTC	GAGCTTGCTGGATCTCTTCGTCGC
1435 GCGCTTGGAGACTGTCAGGACCGTG CACGTCCTGACAGCTCTCCAAGCGC 1436 CAAACCGCTGGTTTCTCCACCTGT ACAGGTGGAGAAACCAGCGGTTTG 1437 GCGATTGCTTGGAGATCGGTGACTA TAGTCACCGATCCCAAGCAATCGC 1438 CTCAGCGACATTTTTCTGGTGGCG CGCCACCAGAAAAATGTCGCTGAG 1438 CAGCGGCGTGTTAACTCAGGACT AGTCCTGAGGAGTACGCCGTG 1440 GACAGCCGTGAACGCTCAGGCCGTT 1440 GACAGCCGTGAACGCTCAGGCCGTT 1441 GGGCCGTAGAGGCATCGGGTAAAG 1431 TGCCAAATCGCACCTTGAGACA CTTTACCCGATGCCTCTACGGCCC 1442 CGCCGCTCACCTGCTTAAAGCATT AATGCTTTAAGCAGGTGAGCGCCG 1443 TGCCAAATCGCAACTCTTGAGACA TGTCTCAAGAGTTGCGATTTTGGCA 1444 CCCCGATCGGGTGAATCCCCT AGGAGAATTACACCGATCGGGT 1445 CAAGGTCCAGGTGACCACCACT AGGAGAATTACACCCGATCGGGC 1446 CAAGCTCAGGTGACCACCACT AGGAGAATTACACCCGATCGGCC 1447 CAGCAGCTTCAGTGTATGCATGCG CGCATGCATACCACTGGACCTTG 1448 CGGACCAAGATGGCAGCAACCACT AGGAGAATTACACCCGATCGGCT 1449 CTACCACGCTCTCGGCGGGGCTGTA TAAGCCCGGCGCAAGAGGCTGCG 1449 CTACCACGCTCTCGCCGGGGCTGTA TACAGCCCGCGCAAGAGCGTGCTG 1450 ACGTGGTTAGGAATCCAG CTGGATTACTGCCATCTTGGTCCG 1451 CGACATATCCGACAGACCACT ACACGCCTCACCACGT 1452 GCGCCCAGGCTGTGTAGACAAATA TATTTTCTAACACACCCTTACCACGT 1453 AGCTGGGACTCCGGACCACTTTACACACACGT 1454 CGGCCCCAGGCTTGTTAGAAAATA TATTTTCTAACACACCCTTAGCCACGT 1455 TCGTTCCTCTGGACCAACACTT AAGTTGACACACCGTTACCACGCT 1456 CGGCCCCAGGCTGTATCACACACTT AAGTTGACACACCCTGGGCGC 1457 TATCTTTGCAACACACTT AAGTTGACACACGCTTGCACACACGT 1458 TGCAAGGGAAAACACACTTCAGACC TGCTGAACACACT 1459 ACTGCTAACCGCTGGACCACTCGACC 1459 ACTGCTAACCACGACTCCACCCGGACCACCCGGACACACAC	1433	GGGACTTCCAGCTGAGGGACGAAA	TTTCGTCCCTCAGCTGGAAGTCCC
1436 CAAACCGCTGGTTTCTCCACCTGT ACAGGTGGAGAAACCAGCGGTTTG 1437 GCGATTGCTTGGGATCGGTGACTA TAGTCACCGATCCCAAGCAATCGC 1438 CTCAGCGACATTTTTCTGGTGGCG CGCCACCAGAAAAATGTCGCTGAG 1449 CACCGGCGTCGTTTACTCAGGACT ACTCCTGAGTAAACGACCCCGCTG 1440 GACAGCCGTGAACGCCTCAGCCGTT ACGGCTGAGTAAACGACCCCGCTG 1441 GGGCCGTAGAGGCATCAGCGGTT AACGGCTGAGCGCCCC 1442 CGCCGCTCACCTGCTTAAAGCATT AATGCTTTAAGCAGGTGAGCGCC 1443 TGCCAAATCGCAACTCTTGAGACA TGTCTCAAGAGTTGCGATTTGGCA 1444 CCCCGATCGGGTGAAAG CTTCAAGAGTTGCAATTTGCA 1445 CAAGGTCCAGGTGAAACACACT AGTGGTTGCAATCACCCGATCGGGC 1446 CCAAGGTCCAGGTGAAATCTCCCT AGGGAGAATTACACCCGATCGGGC 1447 CACCAGCTTCAGGTATGCACCCTT AATGCTTTAACCAGGTTGAAGCCTCT 1448 CGACCCAGTGAGTATCACCCCCACTTT AAGTCGAGATGGCACCTGT 1449 CTACCACGCTCTGCGACTTA TAAGTCGAGATGGGCACCTGTG 1449 CTACCACGCTCTGCGCGGGCTGTA TACAGCCCGCCAGAGCCTTGCGACTTA 1450 ACGTGGTTAGGCATGACTACCCCGATCGAGCCTGCTG 1451 CGACATATCCGACATGACCACACT 1452 GCGCCCAGGCTGTGAAAATA TATTTTCAACACAGCCTGGGATACCACCGT 1453 AGCTGGGATCACCACGGATG 1454 CGGTCGTAACCCGGATG CATCCAACCACTGAAGCCTTGGATTGTCC 1455 TGGTTCCTCTGGACACTGAAAATA TATTTTCTAACACACGCTTGGGATATGTC 1456 CGGCCCAGGCTGTTAACCGCACTTCAAACTT 1457 TATCTTTTCCAGAACACTTTCAGCA 1458 TGCTAACCGCTGCTAACACTT 1459 ACTGGAACACATTCAGCA TGCTGAACCACGT 1451 CGGTCCTAACCGGACTCCACACCT 1452 CGGCCCAGGCTGTAACACACTT 1453 AGCTGGAACACACTTCAGCA TGCTGAATTTCCAGAGGACCCCACCC 1454 CGGTCCTAACCACGTTCCACACTT 1455 TGGTTCCTCTGGAACACATTCAGCA TCCCAGAGTCCCACCCT 1456 CGGCATCTCCGGACCTTCACACTT 1457 TATCTTTTCAGACACCCGATG CTCCAGAGTTCCCAGCT 1458 TCCAAGGGAACAATCCACCACTTCACACTTTTCCCCACAAGATACACACAC	1434	GGCGCACTCCAATACCCACTGTTT	AAACAGTGGGTATTGGAGTGCGCC
1437 GCGATTGCTTGGGATCGGTGACTA 1438 CTCAGCGACATTTTCTGGTGGCG 1439 CAGCGGCGTGTTTACTCAGGACT 1440 GACAGCCGTGAACGCTCAGCCGTT 1441 GGGCCGTAGAGGCATCGGCGGTT 1441 GGGCCGTAGAGGCATCGGCTGT 1442 CGCCGCTCACCGGTTAACGCTTTACCCGATGCCTTACGGCCC 1443 TGCCAAATCGCACCTTGAACAC 1444 CCCCGATCCAGCGTTAAAGCATT 1445 TGCCAAATCGGACTTTGAACAC 1446 CCCGATCGGGTGAACCACTTTTAAGCAGGTTGCAATTGGCA 1447 CCCCGATCGGGTGAACCACTTTTAAGCAGGTTGACCCCGATGCCTGGGG 1448 CCCGATCGGGTGAATTCTCCCT 1446 CGAGCCTTCAGGGGTAATTCTCCCT 1446 CGAGCCTTCAGTGGTATGCATCGG 1447 CAGCAGCGTGCCCATCTCGACTTA 1448 CGGACCAAGAGTTGCATCAG 1449 CTACCACGGTGCACCACT 1440 CGAGCCTTCAGTGGTATGCATCAG 1441 CCCCGATCGGGGTAATCCAC 1442 CGACCAAGATGCAGCACCACT 1444 CCCCGATCGGGTGACCACCACT 1445 CAGCAGCTGCGCCATCTCGACTTA 1446 CGAGCCTTCAGTGGTATGCATCCA 1447 CAGCAGCGTGCGCCATCTCGACTTA 1448 CGGACCAAGATGGCAGTAATCCAC 1449 CTACCACGGTCTGCGCGGGCTGTA 1440 CTACCACGGTCTGCGCGGGCTGTA 1441 CTACCACGGCTCTGCGCGGGCTGTA 1442 CTACCACGGTCTGCGCGGGCTGTA 1445 CGGCCCAAGATGCACACTTACACCACTT 1446 CGACCAAGATGCAAGTAACCAC 1447 CAGCAGCGTCTGCGCGGGCTGTA 1448 CGGCCCAAGATGACCAGT 1449 CTACCACGCTTCTGCGCGGGCTGTA 1450 ACGTGGTTAGGCTGACCTCGACTTA 1451 CGACATATCCGACATGACCAGGT 1452 GCGCCCAGGCTGTTTAGAAAAATA 1453 AGCTGGGACTCCGGACCTTTGAGTG 1454 CGGTCGTAACCACGT 1455 AGCTGGACACTCACACTT 1454 CGGTCGTAACCACTT 1455 AGCTGCAACACTT 1456 CGGCCATCCCGGACCTTGACACTT 1457 TATCTTTGTCAGACAAATTCAGCA 1458 TGCAAGGGACAAAGGCTACAACTT 1459 ACTGCTTCCGGACAAAGGTTAAC 1459 ACTGCTTCCGGACAAAGGCTACAACTT 1459 ACTGCATCAGCCCACCTCGGAG 1459 ACTGCATCACGCCACCTCGGAG 1459 ACTGCATCACGCCACCTCGGAG 1459 ACTGCATCACACTT 1460 TGTGATTCAGTCAAATTCAGGCA 1450 ACACTGAAATCAAATTCAGCA 1451 CATCCATCAAATTCAGGCCCACCTTGACACTT 1462 ATGACCCTGAAAAGCCAAAAGCCAAAGACAAGCCAAAGACAAAGCCAAAGACAAAGCCAAAGACAAAGCCAAAGACAAAGCCAAAGACAAAGCCA	1435	GCGCTTGGAGACTGTCAGGACGTG	CACGTCCTGACAGTCTCCAAGCGC
1438 CTCAGCGACATTITICTGGTGCG CGCCACCAGAAAAATGTCGCTGAG 1439 CAGCGGCGTCGTTTACTCAGGACT AGTCCTGAGTAAACGACGCCGCTG 1440 GACAGCCGTGAACGCTCAGCCGTT AACGGCTGAGCGTTCACGGCCTG 1441 GGGCCGTGAAGGCATCGGGTAAAG CTTTACCCGATGCCTCTACGGCCC 1442 CGCCGCTCACCTGCTTAAAGCATT AATGCTTTAAGCAGTGAGCGGCCC 1443 TGCCAAATCGCAACTCTTGAGACA TGTCTCAAGAGTTGCGATTTGGCA 1444 CCCCGATCGGGTGAATTCTCCCT AGGGAGAATTACACCCGATCGGGG 1445 CAAGGTCCAGGTGAATTCTCCCT AGGGAGAATTACACCCGATCGGGG 1446 CGAGCCTTCAGTGGTATGCATCGC CGCATGCATCAGAGCTTG 1446 CGAGCCTTCAGTGGTATGCATCTA AGTGGTTGCGTCACCTGAAGGCTCG 1447 CAGCAGCGTGCCCATCTCGACTTA TAAGTCGATTACCACCTGAAGGCTCG 1448 CGGACCAAGAATGGCAGTAATCCAG 1449 CTACCACGCTCTGCGCGGGGTTAATTCACAC 1449 CTACCACGCTCTGCGCGGGGTTA 1450 ACGTGGTTAGGCATGACTGACTTA 1451 CGACATATCCGACATGACCGGATG 1452 GCGCCCAGGCTTTAGACACACGT 1453 AGCTGGGACTTAGACTGGTC CACCCGCAGAGCCTGGTGCG 1454 CGGCCCAGGCTGTTAGAAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACCTTGAACCTTGAACACTG 1454 CGGTCGTAACCACGGATG CACCCAGGCTCATGCCTAACCACGT 1455 CGGCCCAGGCTTTAGAAAAATA TATTTTCTAACACAGCCTGGGCGC 1456 CGGCCCAGGCTTTAGAAAAATA TATTTTCTAACACAGCCTGGGCGC 1457 TATCTTCTCTGGAACAATTCAGCA TGCTCAAGATTGCACCGC 1458 CGGCCCAGGCTTTAGAACATTCAGCA TGCTCAAGAGTACCAGCT 1459 ACTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1459 ACTTCCTCTGGAACAATCAGCA TGCTGAATTGTTCCCGGAGATTCCCAGCAAAAGATA 1458 TGCAAGGGAGAAAGCCCAAGAGC CTCCGAATTGTCCAGCAGAACAAT 1459 ACTTCACTTCGGACCAACAGTTAAC 1460 TGTGATTCAGTCGAAAGCCAAGACAA 1461 CATCCATCTACAATTCGGCCAGT 1462 ACGACGATTCAGAAGCAAGCCA GCTCTTGCACAAAGATA 1463 ACACTGGAATTGCACAGCA GCCAGCCTTTGCTCCACCAAGATA 1464 CGACGATTCAGAAGCCAAGACAACCCCGC CGGCCTTTCTCCACCAAGATACAA 1464 CGACGATTCAGAAGCCAAGACAAGATAACGCCGGCCCTCACAAAGATACAA 1465 CGGCATCTAGAAGCCAAGACAACCCCGC CGGCCTTTCTTCGACCGCCCATGAACCAAGATACACAACCAAGATACACAACAACAACAACAACAACAACAACAACAACAACA	1436	CAAACCGCTGGTTTCTCCACCTGT	ACAGGTGGAGAAACCAGCGGTTTG
1439 CAGCGCGTCGTTTACTCAGGACT AGTCCTGAGTAAACGACGCCGCTG 1440 GACAGCCGTGAACGCTCAGCCGTT AACGGCTGAGCGTTCACGGCTGTC 1441 GGGCCGTAGAGGCATCGGGTAAAG CTTTACCCGATGCCTCTACGGCCC 1442 CGCCGCTCACCTGCTTAAAGCATT AATGCTTTAAGCAGGTGAGCGGCG 1443 TGCCAAATCGCAACTCTTGAGACA TGTCTCAAGAGTTGCGATTTGGCA 1444 CCCCGATTCGGGTGAATTCTCCCCT AGGGAGAATTACACCCGATCGGGG 1445 CAAGGTCCAGGGTGACGCAACCACT AGTGGTTGCGATTACCACTGGACCTTG 1446 CGAGCCTTCAGTGGTATTCTCCCT AGGGAGAATTACACCCGATCGGGG 1447 CAGCAGCGTGACGCAACCACT AGTGGTTGCGTAACCACTGAAGGCTCG 1448 CGGACCATCAGTGGTATGCACTTA TAAGTCGAGATTGGCACTTGGTCTG 1448 CGGACCAAGATGGCAGCAACCACT TAAGTCGAGATTGCCACTGTGTCGT 1449 CTACCACGCTCTCGCGCGGGCTGTA TACAGCCCGCGCAGAGCCTGCTG 1449 CTACCACGCTCTCGCGCGGGCTGTA TACAGCCCGCGCAGAGCCTGCTG 1450 ACGTGGTTAGGCATGACCGGATG CATCCACTTGCTAACCACGT 1451 CGACATATCCGACATGACCGGATG CATCCAGCTCATGCCTAACCACGT 1452 GCGCCCAGGCTGTTAAAAAATA TATTTTCTAACAACAGCTTGCGCGC 1453 AGCTGGGACCTTGAGTG CACTCAAGGTCCAGAGTTACCACGT 1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGCAAGCTGCGGCC 1455 TCGTTCCTCGGACCATGACACTT AAGTTGCAAGCTGCAGCT 1456 CGGCATCTCCGGACCTTGAGTG CACTCAAGGTCCAGAGTTACCACGT 1457 TATCTTTCTCGAACAAATTCAGCA TGCTGAATTGTCCAACAGGT 1458 TGCAAGGGAACAATTCAGCA TGCTGAATTGTCCAGACGAGAAAGATA 1458 TGCAAGGGAAAAGCCCCATGAGC GCTCCAAGAGTACCAG 1459 ACTCCTTCGGACCAACGCTGCACAAGGTTAAC 1459 ACTCCTTGCAACCAACTTCAGCC GCTCCAAGAGAACAA 1458 TGCAAGGGAAAAGCCCCATGAGC GCTCCAAGAGATACCAGCTTGCACAAGATA 1459 ACTCCATCTACAACTTTGCGCCCATTGCACCAGTTGCACAAGATA 1460 TGTGATTCAGTCGAACCACGCCTGCAAGACTCAGCCG 1461 CATCCATCTACAATTCGGGCCCATGAGC GCCCCAGAGCTTTGCACCAAGATACCAGCCGCTTCAACAAGAAGCCAAGAACCCCGCTGCACAAGACCCAGGCCCCCATGAGC GCGCGGGGTTTCTCCCTTGCA 1461 CATCCATCTACAATTCGGGCCCAGTAGCACGCCCCCAGAGCTCAGCACTTCGAACCAAGAAGCCAAGAAAGCCCAAGAAGAACCCCCGCG CGCGGGGTTTCCAACCAAGATTCCAGTGT 1462 ATGAGCCGTTCAAAAGCCAAGACCCCGC CGCGGGGTTTCTCCATTGAACCGGTCAACAAGAAGCCCAAGAAGACCCCCGC GGGGGTTTTCTCACTTGAACCGGCCCATAGCAT 1463 ACACTGGAATTGCAACAAGCCCAGGCCGGCGGGGGTTCTCCAACAATTCCAGTGT 1464 CTGAGCTGCAAGAAGCCCAAGAAGCCCCCGCCCCATAGCATTCCAACTTCGACCACACTTCGAACCACTGGGCCGGCC	1437	GCGATTGCTTGGGATCGGTGACTA	TAGTCACCGATCCCAAGCAATCGC
1440 GACAGCCGTGAACGCTCAGCCGTT AACGGCTGAGCGTTCACGGCTGTC 1441 GGGCCGTAGAGGCATCGGGTAAAG CTTTACCCGATGCCTCTACGGCCC 1442 CGCCGCTCACCTGCTTAAAGCATT AATGCTTTAAGCAGTGAGCGCGCG 1443 TGCCAAATCGCAACTCTTGAGACA TGTCTCAAGAGTTTGCGATTTGGCA 1444 CCCCGATCGGGTGAACTCCCCT AGGGAGAATTACACCCGATCGGGG 1445 CAAGGTCCAGGGTGAACGCACCACT AGTGGTTGCGTCACCTGGACCTTG 1446 CGAGCCTTCAGTGGTATGCATGCG CGCATGCACCTGGACCTTG 1447 CAGCAGCGTGACGCAACCACT AGTGGTTGCGTCACCTGGACCTTG 1448 CGGACCATCATCGATGCATCCG 1449 CTACCACGGTGACGCAGCAACCACT 1449 CTACCACGCTCTCGCGCGGGCTGTA TACAGCCCGCGCAGAGCCTGCTG 1449 CTACCACGCTCTCGCGCGGGCTGTA TACAGCCCGCGCAGAGCCTGCTG 1450 ACGTGGTTAGGCATGACCGGATG CATCCGGTCATGCCAACCACGT 1451 CGACATATCCGACCTTGAGCTG CACCCGGCAGAGCCTGGCGCG 1452 CGCCCCAGGCTGTTAAAAAATA TATTTTCTAACAACAGCTTGGGCGC 1453 AGCTGGGACCTTGAGACCTTA AGTTCTAACCAGCTTGCGCG 1454 CGGTCGTAACCCGCTTGCACACTT AAGTTCTAACCAGCTTGCGCG 1455 TCGTTCCTCGGACCCTTGAGTG CACCCAAGGTCCCGAGCTTCACCACGT 1456 CGGCATCTCCGGACCTTGAGTG CACCTCAAGGTCCGGAGTCCCAGCT 1457 TATCTTCTCTGGAACAATTCAGCA TGCTGAATTGTCCGACAGGTTACCACGT 1458 TGCAAGGGAAAAGCCCCATGAGC GCTCCGAGTTGCCGAAGAATA 1458 TGCAAGGGAAAAGCCCCATGAGC GCTCCGAGTTGCCGACAAGATA 1459 ACTCTTCTCGAACAACTTCAGCA GCTCATGGGCGCTCGACAAGATA 1459 ACTCCATCAACTTCGGCCCCATGAGC GCCCTTGCTTCCCCTTGCA 1461 CATCCATCTACAACTTGCGCCCCCTTGCACAAGATA 1459 ACTCCATCAATTCCGGCCCATCAGCC GCCCTTGCTTCCCCTTGCA 1461 CATCCATCAATTCGGGCCAGT ACTCGGACTTGGACTGAATCACAC 1461 CATCCATCTACAATTCGGGCCAGT ACTGGGCCTCGACAAGATA 1462 ATGAGCCGTTCAAATCAGCCCGC CGCCCTTGCTTCCACCAGCTTACCACT 1463 ACACTGGAATTGCTAGAACAAGCCCAAGAA TCTTTGGCTTTCTCCCTTTGCA 1464 CTGAGCTGCAAGCCAAGGCCC CGCGGGGTTTTCTCACTTGAACCGTTACCACT 1465 CAGCAATGCCAGAAGCCAAGAA TCTTTGGCTTTCTCACTTGAACCGTTCAACACTCGCCCCCCCC	1438	CTCAGCGACATTTTTCTGGTGGCG	CGCCACCAGAAAAATGTCGCTGAG
1441 GGGCCGTAGAGGCATCGGGTAAAG 1442 CGCCGCTCACCTGCTTAAAGCATT 1443 TGCCAAATCGCAACTCTTGAGACA 1444 CCCCGATCGGGTGAACTCTTGAGACA 1444 CCCCGATCGGGTGAACTCTTGAGACA 1445 CAAGGTCCAGGTGACGCAACCACT 1446 CGAGCCTTCAGTGATATCCTCCT 1446 CGAGCCTTCAGTGATATCCACTCGC 1447 CAGCAGCGTGACGCAACCACT 1448 CGAGCCTTCAGTGATATCCATGCC 1449 CAGCAGCGTGCCCATCTCGACTTA 1448 CGGACCAGAGTGACGCAACCACT 1449 CTACCACGCTTCGACTTA 1449 CTACCACGCTCTGCGCGGGCTGTA 1449 CTACCACGCTCTGCGCGGGCTGTA 1450 ACGTGGTTAGGCATGAATCCAG 1451 CGACCATGCATGAACCAGC 1452 GCGCCCAGCTTGAGCAGACACAC 1453 AGCTGGGACTCGGCGGGCTGTA 1454 CGGCCCCAGCCTGTGACACACT 1455 CGGCCCAGCCTGTGTAGAAAATA 1456 CGGCCCCAGCCTGTAGACCAGCT 1457 TCGTTCCTCTGGAACACTT 1458 TCGTTCCTCTGGAACACTT 1459 ACTGCAACACACTTAACACCAGCTTACACCAGT 1459 ACTGCACACACCCCACCACCACCACACACACACACACACA	1439	CAGCGGCGTCGTTTACTCAGGACT	AGTCCTGAGTAAACGACGCCGCTG
1442 CGCCGCTCACCTGCTTAAAGCATT AATGCTTTAAGCAGGTGAGCGGCG 1443 TGCCAAATCGCAACTCTTGAGACA TGTCTCAAGAGTTGCGATTTGGCA 1444 CCCCGATCGGGTGAATTCTCCCT AGGAGAATTACACCCGATCGGGG 1445 CAAGGTCCAGGTGACGCAACCACT AGTGGTTGCGACCTTG 1446 CGAGCCTTCAGTGGTATGCATGCG CGCATGCACCACTGGACCTTG 1447 CAGCAGCGTGCCCATCTCGACTTA TAAGTCGAGATGGGCACGCTGCTG 1447 CAGCAGCGTGCCCATCTCGACTTA TAAGTCGAGATGGGCACGCTGCTG 1448 CGGACCAAGATGGCAGTAATCCAG CTGGATTACTGCCATCTTGGTCCG 1449 CTACCACGCTCTGCGCGGGCTGTA TACAGCCCGCCAGAGCGTGTGAG 1450 ACGTGGTTAGGCATGACCGGATG 1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGCCGAAGCGTGAGAGCTAGTCAACACCACGT 1452 GCGCCCAGCCTGTTAGAAAAATA TATTTCTAACAACACCCTGGGCCC 1453 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCGGATTACCACCGT 1454 CGGTCGTAACCGCTTGAGTG CACTCAAGGTCCGGACTCAGCCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACCATCAACACTT AAGTTGTAGCACCGGTTACGACCG 1457 TATCTTGTCGAGCGCCACTCGGAG CTCCGAGTTGTCCCGGACAGATA 1458 TGCAAGGGAGACAAAGGTTAAC GTTAACCTTTGTCCCGGAGATGCCG 1459 ACTGCATAGCCCAGACCCATGAGC CTCCGAGTGCCGCTTCCCAGCT 1460 TGTGATTCAGTCGAAGCCAAGGCCG CTCCCGAGTTCTCCCCTTGCA 1461 CATCCATCTACAATTCGGCCCAGT ACTCCGAGTCTCGACTAGATCACA 1461 CATCCATCTACAATTCGGCCCAGT ACTGCGCCCAAGTTCTCCCTTTCCACTGCACAAGTTACACACCCGGACCCTTCACAACTTCTCCCTTTCCACTTTCCCCTTTCCACTTTCCACTTCACAATTCACAATTCAGACCCCGC CGCCCGGATCTTCGACTGAATCACA 1461 CATCCATCTACAATTCAGGACCCCGC CGCCGCGTTTCTCCACTGAATCACA 1462 ATGAGCCCTTCAGAAAGCCCAAGAA TCTTTTGGCTTTCTGACTGAATCACA 1463 ACACTGGAATTGCAAAAGCCCAAGAA TCTTTTGGCTTTCTGACTGAATCACAA 1464 CTGAGCTGCGGACAACCCCCG CGCGGGTTAGCAATTCCAGTGT 1465 CAGCTACTACAAATTCCAGCCCCGC CGCGGGGTTAGCAATTCCAGTGT 1466 ATAATGATGGGACCAAGAAGCCCC GGGGCCTTCTCTCACCACCAAGCTCAG 1467 CGACCGAGTGTTACCC GGGGCCTTCTCTCTCCCCATCATTAT 1467 CGACCGAGTGTTACCC GGGGCCTTCTCTCTCCCCCATCATTAT 1467 CGACCGAGTGTTACCACCGCGCCTTGACACACTCCGC 1468 TGCAGCTACCCGCCCTGATCAACTCCGCGCCTTCATCACATTCACATTCACACTCCGCGCCTTCACACATCACATCACATCACACTCGGTCG 1468 TGCAGTACCCCGCGCTCCACTAGT ACTAGTGGAGCCCCGGCAGTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCCGATGACTC 1471 GCCTGGTGCGAAGAAGACACTCCC GGAATCCCTATCTTCCGCACCAGGC	1440	GACAGCCGTGAACGCTCAGCCGTT	AACGGCTGAGCGTTCACGGCTGTC
1443 TGCCAAATCGCAACTCTTGAGACA 1444 CCCCGATCGGGTGAATTCTCCCT AGGAGAATTACACCCGATCGGGG 1445 CAAGGTCCAGGTGACGCAACCACT AGTGGTTGCGACTTGGACCTTG 1446 CGAGCCTTCAGTGGTATGCATGCG CGCATGCATCACCACTGAAGGCTCG 1447 CAGCAGCGTGCCCATCTCGACTTA TAAGTCGAGATGGGCACGCTGCTG 1448 CGGACCAAGATGGCAGTAATCCAG CTGGATTACTGCCATCTTGGTCCG 1449 CTACCACGCTCTGCGCGGGCTGTA TACAGCCCGCCGAGAGCGTGTAG 1450 ACGTGGTTAGGCATGACCGGTC GACGCAGCTCATGCCTAACCACGT 1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGCCGAACACGCT 1452 GCGCCCAGCCTGTTAGAAAATA TATTTTCTAACACACCCTGGGCGC 1453 AGCTGGGACTCCGGACCTTGAGTG CACCAGGTCCCAGGCT 1454 CCGCCCAGCCTGTTAGAAAATA TATTTTCTAACACACCCTGGGCGC 1455 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCCGGATCCCAGCT 1456 CGGCATCTCGGACCTTGAGTG CACTCAAGGTCCCGGACCTTAGCACAG 1457 TACTTTGTCGAACAATTCAGCA TGCTGAATTGTCCCAGAGGAACGA 1458 CGGCATCTCCGGACCACACACTT AAGTTGTAGCAGCGGAACGA 1459 ACTGCATAGCCCAGACCATGAGC CTCCGAGTGCCGCACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC CTCCGAGTGCGCCTCGCACAAGATA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGCAGT 1460 TGTGATTCAGTCGAAGCCAAGGCCG CGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGCCAGT 1462 ATGACCCTTCAGAAGCCAAGACCGC CGGCCTTTCTCCAGACGAGTACACA 1463 ACACTGGAATTGAAACCCCCGC CGGCCTTTCTCGACTGAATCACA 1464 CTGAACTGGAAAGCCAAAGA TCTTTGGCTCTAACAATTCAACACCCCGCGCCCTAGACC 1465 CAGCTACTACAATTCAGACCCCCCG CGCCGTGCTTCCAACAATTCACAATTCAGACCCCCGC CGCGGGTTCTCCAACGGCTCAT 1464 CACCATCTACAATTCAGACCCCCC CGCGGGGTCTAGCAATTCACAATTCAGATTGAATTCACCCCCCC CGCGGGGTCTAGCAATTCACAATTCAGACCCCCCC CGCGGGGTCTAGCAATTCCAAGTGTACACCCCCCC CGCGGGGTCTAGCAATTCCAAGTGT 1466 ATAATGATGGGACCAACACCCCC GGGGCCTTCTCTCTCCCCATCATTAT 1467 CGACCGAGTGTTACCC GGGGCCTTCTCTCTCCCCCATCATTAT 1467 CGACCGAGTGTTACCACCCCCCC GGGGCCTTCTCCTCCCCCATCATTAT 1468 TGCAGTACCCCCCCGCCCCTCCACTAGT ACTAGTGGAGCCCCCATCAGTACACTCGGCCCTAGTAGCCC 1468 TGCAGTACCCCCCGCCCCTCCACTAGT ACTAGTGGAGCCCCCACCACCACGCAGCTCACACTCACATTAT 1469 ATAATGATGGGACCCCC GGGGCCTTCTCGTCCCCCATCATTAT 1469 ATGCTAGCCCGCCCTGTCAACATTCC GGCCCTAGCACTCCACACCACCTCCACATCACAT	1441	GGGCCGTAGAGGCATCGGGTAAAG	CTTTACCCGATGCCTCTACGGCCC
1444 CCCCGATCGGGTGTAATTCTCCCT AGGGAGAATTACACCCGATCGGGGG 1445 CAAGGTCCAGGTGACGCAACCACT AGTGGTTGCGTCACCTGGACCTTG 1446 CGAGCCTTCAGTGGTATGCATGCG CGCATGCATACCACTGAAGGCTCG 1447 CAGCAGCGTGCCCATCTCGACTTA TAAGTCGAGATGGGCACGCTGCTG 1448 CGGACCAAGATGGCAGTAATCCAG CTGGATTACTGCCATCTTGGTCCG 1449 CTACCACGCTCTGCGCGGGGCTGTA TACAGCCCGCGCAGAGCGTGCTG 1450 ACGTGGTTAGGCATGACCGGGTC GACGAGCTCATGCCTAACCACGT 1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGCCTAACCACGT 1452 GCGCCCAGGCTGTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCGGAGTCCCAGCT 1454 CGGTCGTAACCGGTTCAAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTCCAGAGGAACGA 1456 CGGCATCTCCGGACAAAGGTTAAC TGCTGAATTGTTCCAGAGGAACGA 1457 TATCTTGCAGCACCAAAGGTTAAC GTTAACCTTTGTCCGGAGATGCCG 1458 TGCAAGGGAAAAGCCCCATGAGC CTCCGAGTGGCGCTCCACAAGATA 1458 TGCAAGGGAAAAGCCCCATGAGC CTCCGAGTGGCGCTCCACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC CTCCGAGTGGCGCTCCACAAGATA 1459 ACTGCATACCCCAGATCCGCTTGC GCAAGCGGATCTGCGCTTGCACAAGATA 1450 ATGCATAGCCCAAGACAAGCCCATGAGC CTCCGACTTGCACCAAGATA 1451 TATCTTGCAGCAGAAGACACCCCTTGC GCAAGCGGATCTGGGCTATCACAC 1460 TGTGATTCAGTCGAAGCAAGGCCC CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGCAGT 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGAACCCCGCG CGCGGGGTTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAAAGCCCCGCG CGCGGGGTTCTAGCAATTCCAGTGT 1465 CAGCTACTAGGACCACGCCC CGGGGGTTCTAGCAATTCCAGTGT 1466 ATAATGATGGGCCAGTAACCC 1467 CGACCGAGTGTTACCCC GGGGCCTTCTCTCTCCATCATTAT 1468 TGCAGCCGAGCAGAAGACCCCC GGGGCCTTCTCTCCATCAATTCCAGTTG 1468 TGCAGTACCCCGCGCCCTCACTAGT ACTAGTGGACCCCCTAGTAGCTG 1469 ATGCTACCCCGCGCCCTCACTAGT ACTAGTGGACCCCCCTAGTAGCAT 1469 ATGCTACCCCGCGCCCTTCAACATTCCCGCCCCTAGCAATTCCAATTAT 1469 ATGCTACCCCGCGCCCTTCAACAAT ATTTGAACAGCCGGCCCTAGCAT 1470 AGACTCACTGCCGCGCTGCAACAATTCCCGCGCGCAGTCAACACTCCGCCCCTAGCATTCAACTTCCAGCCCCATCACTAGCATTCCAACTTCCACGCCCCTAGCATTCAACATTCCAGCCCGCGCTCCACTAGCATTCCACGCCCCCTAGCATTCAACATTCCAGCCCGCGCTCCACTAGCTACATTCTTCCCACCACGCCCCTAGCATTCAACATTCCAGCCCGCCC	1442	CGCCGCTCACCTGCTTAAAGCATT	AATGCTTTAAGCAGGTGAGCGGCG
1445 CAAGGTCCAGGTGACGCAACCACT AGTGGTTGCGTCACCTGGACCTTG 1446 CGAGCCTTCAGTGGTATGCATGCG CGCATGCATACCACTGAAGGCTCG 1447 CAGCAGCGTGCCCATCTCGACTTA TAAGTCGAGATGCCACTCAGAGGCTGCTG 1448 CGGACCAAGATGGCAGTAATCCAG CTGGATTACTGCCATCTTGGTCCG 1449 CTACCACGCTCTGCGCGGGGCTGTA TACAGCCCGCGCAGAGCGTGCTAG 1450 ACGTGGTTAGGCATGACCGGATG CATCCGGTCATGCCTAACCACGT 1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGTCGGATATGTCG 1452 GCGCCCAGGCTGTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCGGAGTCCCAGCT 1454 CGGTCGTAACCGGTTCAAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTCCCAGGAGTCCCAGCT 1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTTGTCCAGAGGAACGA 1457 TATCTTGTCGACCACAAGGTTAAC GTTAACCTTTTGTCCGGAGATGCCG 1458 TGCAAGGGAGAAAGCCCCATCGGAG CTCCGAGTGGCGCTCCACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC CTCCGAGTGGCGCTTCCCTTGCA 1459 ACTGCATACCCCAGATCCGCTTGC GCAAGCGGTTTCCCCTTGCA 1460 TGTGATTCAGTCGAAGCAAGGCCG CGCCTGGTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGAGTGATCACA 1462 ATGAGCCGTTCAGAAAGCCCAAGAG TCTTTGGCTTTCCTAGAATTCACAT 1463 ACACTGGAATTGCTAGAAAGCCAAAGA TCTTTTGGCTTTCCAGAGTGATCACA 1464 CTGAGCTGCAGAAGACCCCGCG CGCGGGGTTCAGACAATTCCAGTGT 1464 CTGAGCTGCGTGGAAAAGCCCCAAGAG TCTTTTGGCTTTCTAGAAGTGCTGATTAGAGTGAATGAACACACAC	1443	TGCCAAATCGCAACTCTTGAGACA	TGTCTCAAGAGTTGCGATTTGGCA
1446 CGAGCCTTCAGTGGTATGCATGCG CGCATGCATACCACTGAAGGCTCG 1447 CAGCAGCGTGCCCATCTCGACTTA TAAGTCGAGATGGGCACGCTGCTG 1448 CGGACCAAGATGGCAGTAATCCAG CTGGATTACTGCCATCTTGGTCCG 1449 CTACCACGCTCTGCGCGGGGCTGTA TACAGCCCGCGCAGAGCGTGTAG 1450 ACGTGGTTAGGCATGACCGGATC CATCCGGTCATGCCTAACCACGT 1451 CGACATATCCGACATGACCGGATC CATCCGGTCATGCCTAACCACGT 1452 GCGCCCAGGCTGTGTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCGGAGTCCCAGCT 1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTGTCCGGAGAACGA 1457 TATCTTGTCGAGCGCCACTCGGAG CTCCGAGTGCCGACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC CTCCGAGTGCCGCTTGCACAAGATA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTCGCTTGCA 1460 TGTGATTCAGTCGAAGCAAGGCCG CGGCCTTGCTCCGACTTGCAGT 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGAATCACA 1462 ATGAGCCGTTCAGAAAGCCAAGA TCTTTTGGCTTTCCACTGGATTACACA 1463 ACACTGGAATTGCTAGAACCCCGCG CGCGGGGTTTCCCACGAGCTCAG 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGGGGTCTAGCAATTCCAGTGT 1465 CAGCTACTAGGGCGCGATGTACCC GGGGGGTCTTAGCAATTCCAGTGT 1466 ATAATGATGGGGCGAAGAAGCCCC GGGGGGTCTTCCCACGCAGCTCAG 1467 CGACCGAGTGTACCC GGGGGCCTTCTCTCCCCTCACTATATT 1467 CGACCGAGTGTTACGACAATGCCC 1468 TGCACTACCGCCGCGTCCACTAGT 1469 ATGCTAGCCCGCGCTCCACTAGT 1469 ATGCTAGCCCGCCTCCACTAGT 1470 AGACTCACTGCCGCCTGTACAAAT 1471 GCCTGGTGCGAAGAATAGGATTCC 1471 GCCTGGTGCGAAGAATAGGAATTCC 1471 GCCTGTGCGAAGAATAGGAATTCC 1471 GCCTGTGCGAAGAATAGGAATTCC 1471 GCCTGTGCAAAGAATAGGAATTCC 1471	1444	CCCGATCGGGTGTAATTCTCCCT	AGGGAGAATTACACCCGATCGGGG
1447 CAGCAGCGTGCCCATCTGACTTA 1448 CGGACCAAGATGGCAGTAATCCAG 1449 CTACCACGCTCTGCGCGGGCTGTA 1450 ACGTGGTTAGGCATGACCGGTC 1451 CGACATATCCGACATGACCGGTC 1452 GCGCCCAGGCTGTTAGACAAATA 1453 AGCTGGGATACCGGACTTGAGTC 1454 CGGTCGTGCGACATGACCGGATG 1455 CGGCCCAGGCTGTGTTAGAAAATA 1456 CGGTCGTAACCAGGTT 1457 TACTTCCTCTGGAACAATTCAGCA 1458 TGCAAGGGAGACAAGACCCCGGAGACGTTACCAGGT 1459 ACTGCATCCGGACATCACCACTT 1450 CGGCATCTCCGGACCTTGAGTG 1451 CGGTCGTAACCGCTGCTACAACTT 1452 CGGTCGTAACCGCTGCTACAACTT 1453 AGCTGGGACTCCGGACCTTGAGTG 1454 CGGTCGTAACCGCTGCTACAACTT 1455 TCGTTCCTCTGGAACAATTCAGCA 1456 CGGCATCTCCGGACAAAGGTTAAC 1457 TATCTTTGTCGAGCGCCACTCGGAG 1458 TGCAAGGGAGAAAGCCCCATCGGAG 1459 ACTGCATAGCCCAGATCCGCTTGC 1459 ACTGCATAGCCCAGATCCGCTTGC 1460 TGTGATTCAGTCGAACCAAGGCCG 1461 CATCCATCTACAATTCGGGCCAGT 1462 ATGAGCCCAGATCCGCTTGC 1463 ACACTGGAATGCTAGAAAGCCAAAGA 1464 CATCCATCTACAATTCGGGCCAGT 1465 CAGCTACTAGGAACCAACCCCGCG 1466 ATAATGATGGGACGAAAGGCCCC 1466 ATAATGATGGGACGAAAAGCCCCCGCG 1466 ATAATGATGGGACGAAAAGCCCC 1467 CGACCGAGTTTCCCACCACCTCAGT 1468 TGCACTACCACGCTGCCCCCCCCCCCCCCCCCCCCCCCC	1445	CAAGGTCCAGGTGACGCAACCACT	AGTGGTTGCGTCACCTGGACCTTG
1448 CGGACCAAGATGGCAGTAATCCAG CTGGATTACTGCCATCTTGGTCCG 1449 CTACCACGCTCTGCGCGGGCTGTA TACAGCCCGCGCAGAGCGTGGTAG 1450 ACGTGGTTAGGCATGAGCTGCGTC GACGCAGCTCATGCCTAACCACGT 1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGTCGGATATGTCG 1452 GCGCCCAGGCTGTTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACTTCAGGTG CACTCAAGGTCCGGATCCCAGCT 1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGTACACACGCTGGCCGC 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACAG 1456 CGGCATCTCCGGACAAAGGTTAAC TGCTGAATTGTTCCAGAGGAACGA 1457 TATCTTGTCGAGCGCACATGAGC CTCCGAGTGCGCTCGACAAGAT 1458 TGCAAGGGAGAAAGCCCCATGAGC GCTCCAGAGGATGCCG 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGTTTCTCCCTTGCA 1450 TGTGATTCAGTCGAACAATCGGCTTGC GCAAGCGGATCTCGCATGAATCACA 1461 CATCCATCACAATTCGGGCCAGT ACTGGCCCGAATTGAACACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGAAGCATGATCACA 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCAGAAAGCCAAAGA TCTTTGGCTTTCTCCATGTGT 1465 CAGCTACTAGAACCCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1466 ATAATGATGGGACAACTCCGC GCGGGGTCTAGCAATTCCAGTGT 1467 CGACCGAGTGTTACCACCCGCG GGGCCTTCTCCCCATCATTAT 1467 CGACCGAGTGTTACGACACTCGCT GCACCACTCAGTGCTG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCCGCCCTTGCACACTAC GCACCAGTCCGCCTAGCAT 1469 ATGCTAGCCGCCCTTGCACACTAC ACTAGTGGAGCGCGCGCTAGCAT 1470 AGACTCACTGCCGCCTGTACAATA ATTTGATCAGCCGGCCTAGCAT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTTCCCCAGCAGTCTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTTCCCCAGCAGCTCAGCAT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTTCCCCACCAGCCTTCATCATTAT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTTCCCCACCAGCCTTACTTTT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTTCCCCACCAGGCCTTACTTTT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTTCCCCACCAGCCTTACTTTT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTTCCCCACCAGGCCTTACTTTTCCCCACCAGCCCTTACTTTTTCCCCACCAGCCTTACTTTTCCCCACCAGCCCTTACTTTTTCCCCACCAGCCCTTACTTTTCCCCACCAGCCTTACTTTTCCCCACCAGCCCTTACTTTTTCCCACCAGCCCTTACTTTTTCCCACCAGCCCTTACTTTTTTCCACCACCAGCCCTTACTTTTTCCCACCAGCCCTTACTTTTTCCACCAGCCCTTACTTTT	1446	CGAGCCTTCAGTGGTATGCATGCG	CGCATGCATACCACTGAAGGCTCG
1449 CTACCACGCTCTGCGCGGGCTGTA TACAGCCCGCGCAGAGCGTGGTAG 1450 ACGTGGTTAGGCATGAGCTGCGTC GACGCAGCTCATGCCTAACCACGT 1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGTCGGATATGTCG 1452 GCGCCCAGGCTGTGTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCGGAGTCCCAGCT 1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTTTCCAGAGGAACGA 1457 TATCTTGTCGAGCGCCACTCGGAG CTCCCAGGTTCCCGGAGATGCCG 1458 TGCAAGGGAGAAAGCCCCATGAGC GCTCCAGAGGATGCCG 1459 ACTGCATAGCCCAGATCCGCTTGC 1450 TGTGATTCAGTCAGACCATTCGC 1460 TGTGATTCAGTCAGACCAGTCCGCTTGC 1461 CATCCATCTACAATTCGGGCCAGT 1462 ATGAGCCCTACAAAGCCAAAGA 1461 CATCCATCTACAATTCGGGCCAGT 1463 ACACTGGAATTGCTAGACCCCAGC 1464 CTGAGCTGCTTGCAACAACACCCAGTCAGT 1465 CAGCTACTACAATTCGGCCAGT 1466 ATAATGATGGGACAAAGCCCCGCG GCGGGGTCTAGCAATTCCAGTGT 1467 CGACCGAGTGGCCCCTTGCC 1468 TGCAGCCGTTACGACCCCCGCG GCGGGCTTTCCCCACCACGCTCGC 1469 ATGCACCAGCCCCCTTCCACCACCACTCCGCTCCACCACCACCACTCACCACCACCACCACCACCACCAC	1447	CAGCAGCGTGCCCATCTCGACTTA	TAAGTCGAGATGGGCACGCTGCTG
1450 ACGTGGTTAGGCATGAGCTGCGTC GACGAGCTCATGCCTAACCACGT 1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGTCGGATATGTCG 1452 GCGCCCAGGCTGTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCGAGTTCCAGCT 1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTGTCCGGAGATGCCG 1457 TATCTTGTCGAGCGCCACTCGGAG CTCCGAGTGCGCGTTCCCCTTGCA 1458 TGCAAGGGAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATTCTCCCTTGCA 1460 TGTGATTCAGTCGAAGCAAGGCCG CGCCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGCCCAGT ACTGGCCCGAATTGTAGATGAATC 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTAACCGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTTGCCAGTGTG 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGGGTTTTCCCATCAGTT 1465 CAGCTACTAGGACCAAAGA TCTTTGGCTTTCTCCATGGT 1466 ATAATGATGGGCCGATGTACCC GGGGGCTTTCCCATCAGTTAT 1467 CGACCGAGTGTTACGACAAGCCCCGC GCGGGGTTTCCCCATCATTAT 1468 TGCAAGTACCCCGCCCCCCCGCGCCCCTAGTAGCTG 1468 TGCAAGTACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	1448	CGGACCAAGATGGCAGTAATCCAG	CTGGATTACTGCCATCTTGGTCCG
1451 CGACATATCCGACATGACCGGATG CATCCGGTCATGTCGGATATGTCG 1452 GCGCCCAGGCTGTTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACTCCGGACCTTGAGTG CACTCAAGGTCCGAGTCCCAGCT 1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACCACACGTTAACCTTTGTCCGGAGATGCCG 1457 TATCTTGTCGAGCGCCACTCGGAG CTCCGAGTGGCGCTCGACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCAAGACCCCAGTAGCC CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGAATC 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCTGGGACAAACCCCGCG GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGGACTTGCCCCACGCAGCTCAG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTTCTCCATCATTAT 1467 CGACCGAGTGTTACGACACCCCGC GCGGGCCTTCTCCCACCACTATTAT 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGCCCTAGTAGCTG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGCTTAGCAAT 1469 ATGCTAGCGCCCCTCCACTAGT ACTAGTGGAGCGGCGGTACTACAC 1470 AGACTCACTGCCGCTGAACAAT ATTTGATCAGCCGGCAGTGAGCTC 1471 GCCTGGTGCGAAGAAGAAGAATACCCGGGCAGTCAGCAT 1471 GCCTGGTGCGAAGAAAAAT ATTTGATCAGCCGGCAGTGAGCT	1449	CTACCACGCTCTGCGCGGGCTGTA	TACAGCCCGCGCAGAGCGTGGTAG
1452 GCGCCCAGGCTGTGTTAGAAAATA TATTTTCTAACACAGCCTGGGCGC 1453 AGCTGGGACCTCGGACCTTGAGTG CACTCAAGGTCCGGAGTCCCAGCT 1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTGTCCGGAGATGCCG 1457 TATCTTGTCGAGCGCCCACTCGGAG CTCCGAGTGGCGCTCGACAAGATA 1458 TGCAAGGGAAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCAAGGCCG CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGAATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTAACCGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GCGGAGTTGTCCCACGCAGCTCAG 1466 ATAATGATGGGACGAGAAGGCCCC GGGCCTTCTCTCTCCCATCATTAT 1467 CGACCGAGTGTTACGACATTGTG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGCGCGTAGCAT 1469 ATGCTAGCGCCCTGTCAACGTAC GTACGTTGCACATTGCACATTAT 1467 CGACCGAGTGTTACGACATTGTG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGCGCGGTACTGCA 1470 AGACTCACTGCCGCTGTCAACGTAC GTACGTTGACACGCCGCGCTAGCAT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGCC 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1450	ACGTGGTTAGGCATGAGCTGCGTC	GACGCAGCTCATGCCTAACCACGT
AGCTGGGACTCCGGACCTTGAGTG 1454 CGGTCGTAACCGCTGCTACAACTT 1455 CGGTCCTCTGGAACAATTCAGCA 1456 CGGCATCTCCGGACCAACGCA 1457 TATCTTGTCGAGCGCCCCCCCCCCCAGCAGCTCCCGGAGTCCCGGAGTCCCGGAGTCCCGGAGACGAAGATA 1458 TGCAAGGGAACAATCCGCACCCCCCCCCCCCCCCCCCCC	1451	CGACATATCCGACATGACCGGATG	CATCCGGTCATGTCGGATATGTCG
1454 CGGTCGTAACCGCTGCTACAACTT AAGTTGTAGCAGCGGTTACGACCG 1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTGTCCGGAGATGCCG 1457 TATCTTGTCGAGCGCCACTCGGAG CTCCGAGTGGCGCTCGACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCAAGGCC CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCATTACCC GCGGAGTTGTCCCACGCAGCTCAG 1466 ATAATGATGGGACGACAAGACCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTACCACTCGCC 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGCGGGTACTGCA 1469 ATGCTAGCGCCCCTGTCAACGTAC GTACGTTGACAGCGCGCGCTAGCAT 1470 AGACTCACTGCCGCCTGATCAAAT ATTTGATCAGCCGGCCGTAGCAT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1452	GCGCCCAGGCTGTGTTAGAAAATA	TATTTCTAACACAGCCTGGGCGC
1455 TCGTTCCTCTGGAACAATTCAGCA TGCTGAATTGTTCCAGAGGAACGA 1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTGTCCGGAGATGCCG 1457 TATCTTGTCGAGCGCCCACTCGGAG CTCCGAGTGGCGCTCGACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCAAGGCCG CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGGGTCTAGCAATTCCAGTGT 1465 CAGCTACTAGGGCGCGATGTACCC GGGGAGTTGTCCCACGCAGCTCAG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGCGCGGTACCAC 1469 ATGCTAGCGCGCCTCTCACTAGT ACTAGTGGAGCGCGCGGTACCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGCTGAGCCT 1471 GCCTGGTGCGAAGAATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1453	AGCTGGGACTCCGGACCTTGAGTG	CACTCAAGGTCCGGAGTCCCAGCT
1456 CGGCATCTCCGGACAAAGGTTAAC GTTAACCTTTGTCCGGAGATGCCG 1457 TATCTTGTCGAGCGCCACTCGAG CTCCGAGTGGCGCTCGACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCAAGGCCG CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GCGGAGTTGTCCCACGCAGCTCAG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGCGCGTACCAC 1469 ATGCTAGCGCGCCTCTCACTAGT ACTAGTGGAGCGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGCTGAGCTC 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1454	CGGTCGTAACCGCTGCTACAACTT	AAGTTGTAGCAGCGGTTACGACCG
1457 TATCTTGTCGAGCGCCACTCGGAG CTCCGAGTGGCGCTCGACAAGATA 1458 TGCAAGGGAGAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCAAGGCCG CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGCGCGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGCCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1455	TCGTTCCTCTGGAACAATTCAGCA	TGCTGAATTGTTCCAGAGGAACGA
1458 TGCAAGGAGAAAGCCCCATGAGC GCTCATGGGGCTTTCTCCCTTGCA 1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCCAGGCCG CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTCACACTCGCTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTTCTACCTACCT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGCTC 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1456	CGGCATCTCCGGACAAAGGTTAAC	GTTAACCTTTGTCCGGAGATGCCG
1459 ACTGCATAGCCCAGATCCGCTTGC GCAAGCGGATCTGGGCTATGCAGT 1460 TGTGATTCAGTCGAAGCAAGGCCG CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGCTC 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1457	TATCTTGTCGAGCGCCACTCGGAG	CTCCGAGTGGCGCTCGACAAGATA
1460 TGTGATTCAGTCGAAGCAAGGCCG CGGCCTTGCTTCGACTGAATCACA 1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1458	TGCAAGGGAGAAAGCCCCATGAGC	GCTCATGGGGCTTTCTCCCTTGCA
1461 CATCCATCTACAATTCGGGCCAGT ACTGGCCCGAATTGTAGATGGATG 1462 ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1459	ACTGCATAGCCCAGATCCGCTTGC	GCAAGCGGATCTGGGCTATGCAGT
ATGAGCCGTTCAGAAAGCCAAAGA TCTTTGGCTTTCTGAACGGCTCAT 1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1460	TGTGATTCAGTCGAAGCAAGGCCG	CGGCCTTGCTTCGACTGAATCACA
1463 ACACTGGAATTGCTAGACCCCGCG CGCGGGGTCTAGCAATTCCAGTGT 1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1461	CATCCATCTACAATTCGGGCCAGT	ACTGGCCCGAATTGTAGATGGATG
1464 CTGAGCTGCGTGGGACAACTCCGC GCGGAGTTGTCCCACGCAGCTCAG 1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1462	ATGAGCCGTTCAGAAAGCCAAAGA	TCTTTGGCTTTCTGAACGGCTCAT
1465 CAGCTACTAGGGCGCGATGTACCC GGGTACATCGCGCCCTAGTAGCTG 1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1463	ACACTGGAATTGCTAGACCCCGCG	CGCGGGGTCTAGCAATTCCAGTGT
1466 ATAATGATGGGACGAGAAGGCCCC GGGGCCTTCTCGTCCCATCATTAT 1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1464	CTGAGCTGCGTGGGACAACTCCGC	GCGGAGTTGTCCCACGCAGCTCAG
1467 CGACCGAGTGTTACGACATGGTGC GCACCATGTCGTAACACTCGGTCG 1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1465	CAGCTACTAGGGCGCGATGTACCC	GGGTACATCGCGCCCTAGTAGCTG
1468 TGCAGTACCCGCCGCTCCACTAGT ACTAGTGGAGCGGCGGGTACTGCA 1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1466	ATAATGATGGGACGAGAAGGCCCC	GGGGCCTTCTCGTCCCATCATTAT
1469 ATGCTAGCGCGCCTGTCAACGTAC GTACGTTGACAGGCGCGCTAGCAT 1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1467	CGACCGAGTGTTACGACATGGTGC	GCACCATGTCGTAACACTCGGTCG
1470 AGACTCACTGCCGGCTGATCAAAT ATTTGATCAGCCGGCAGTGAGTCT 1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1468	TGCAGTACCCGCCGCTCCACTAGT	ACTAGTGGAGCGGCGGGTACTGCA
1471 GCCTGGTGCGAAGATAGGGATTCC GGAATCCCTATCTTCGCACCAGGC	1469	ATGCTAGCGCGCCTGTCAACGTAC	GTACGTTGACAGGCGCGCTAGCAT
1770	1470	AGACTCACTGCCGGCTGATCAAAT	ATTTGATCAGCCGGCAGTGAGTCT
1472 IGGAAAGTTGGCGGATCCGAGCACT ACTGCTCGGATCCGCCAACTTTCC	1471	GCCTGGTGCGAAGATAGGGATTCC	GGAATCCCTATCTTCGCACCAGGC
ASTOCIOGE ASTOCIO ASTO	1472	GGAAAGTTGGCGGATCCGAGCACT	AGTGCTCGGATCCGCCAACTTTCC

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1473 GGCAGTGAGCAATGTGTGACGAGG CCTCGTCACCACTTGCTCACTGCC 1474 TGAGGTCCTCCCGGCGGACTACGA TCGTAGTCCGCCGGGAGGAGCTCAA 1475 CTCGCCTTAGATCGTGGTTCCGCA TCGTAGTCCGCCGGGAGGAGCACCTAA 1476 GTCGAGGAATCAACGAGCACG CTGGCTGCGATGATATTCCTCGAC 1477 GCGAATGCAACGAGACAAGAAGGA TCCTTCTTGTCTCGTTGCATTCGC 1478 TTCGCCACCAAGTCGGCATTTGTT AACAAATGCCGACTTGAGGCGAA 1479 CGGTGGCTGACACTTGCCGGATTC GAACCGCACTTGGTGGCGAA 1479 CGGTGGCTGACACTTGCCGGATTC GAACCGCACTCTGATTGCCCACT 1480 CAAGGAGCAATCAGATGGTCGGAG 1481 GTGACCCGGTCCGTTCTAGCTGTG CACACGCACTCTGATTGCTCCTTG 1481 GTGACCCGGTCCGTTCTAGCTGTG CACACGCTACTGATTGCTCCTTG 1482 CTCTCGCCCACATAACTGCACAAA TTTGTGCAGTTATGTGGGCGAGA 1483 AAACCTGCCTAACCAAGCACTGAA TCCCGGCGGTACAATTATGTGAGCAAGGTTT 1484 TTCCATATTGTACCCCGCGCATGC GCAGGCTGCACAATAATTGGAA 1485 TGCTTGCGATATCACGATACTGCG CGCAGTATCTGAGCAAGCA 1486 TTAGTGTTCGAGCATACTGCG CGCAGTATCTGCGAACACACAAA 1487 CTTGTTGCGGAGTCCGTCTTGGA 1488 GTCAGCTCCGTCGTGTGGCTCTTC GAACGCACCACACGAGGACGCAACACACACACACACAC			
1475 CTCGCCTTAGATCGTGGTTCCGCA 1476 GTCGAGGAATATCATCGCAGCCAG 1477 GCGAATGCAACGAGCAGAGAAGAGA 1478 TTCGCCACCAGAGCAGACAAGAGAGA 1478 TTCGCCACCAGAGCAGACAAGAGAGA 1479 CGGTGGCTGCACACTTGGTC 1480 CAAGGAGCAATGCGCGATTIGTT 1481 GTGACCCGGTCGGTTCTAGCTGTG 1481 GTGACCCGGTCCGTTCTAGCTGTG 1482 CTCTCGCCACATACTGCCGATTC 1483 AAACCTGCCTAACACAGCACTGGACACAGAGAGAGA 1484 TTCCATATTGTACCCGGATTC 1485 TGCTTCGCCACATAACTGCACAAA 1486 TTCGTGTGCACATACTGCACAAA 1487 TTCCATATTGTACCCGGGCATGC 1488 TTCGTTGTTGACCAGAAA 1486 TTAGTGTCGAGATACTGC 1487 CTTGTTGCGGATTCTGGCGGATGC 1488 TGCTTGCGATACTGCGGCATGC 1488 TTCGTTTGCAGCAGAACACACACACACACACACACACACA		GGCAGTGAGCAATGTGTGACGAGG	
1476 GTCGAGGAATATCATCGCAGCCAG CTGGCTGCATGATATTCCTCGAC 1477 GCGAATGCAACGAGACAAGAAGGA TCCTTCTTGTCTCGTTGCATTCGC 1478 TTCGCCACCAAGTCGGCATTTGTT AACAAATGCCGACTTGGTGGCGAA 1479 CGGTGGCTGACACTTGCCGGATTC 1480 CAAGGAGCAATCAGATGGTCGAG 1481 GTGACCCGGTCCGTTCTAGCTGTG 1482 CTCTCGCCCACAATACTGCCACAAA 1482 CTCTCGCCCACAATACTGCACAAA 1483 AAACCTGCCTAAGCAAGCACTGGA 1484 TTCCATATTGTACCCGGCGCATGC 1485 TGCTTGCGAGACCTGGAG 1486 TTAGTGTTCAGCCTGAG 1487 CTCTTGCCATAACTGCCACAAA 1487 TGCTTGCGATATCACGATACTGCC 1488 TTCCATATTGTACCCGCGCATGC 1489 CTCTTGTCCTGAGCCAGCACTGGA 1480 CTCTTGTTCAGCACAAA 1481 TTCCATATTGTACCCGCGCATGC 1482 CTCTGCGCACAATACTGCC 1484 TTCCATATTGTACCCGCGCATGC 1485 TGCTTGCGAACACTGGA 1486 TTAGTGTTCAGGATACTGCC 1486 CTCTTGTTGCGACACACCACACACACACACACACACACAC	1474	TGAGGTCCTCCCGGCGGACTACGA	TCGTAGTCCGCCGGGAGGACCTCA
1477 GCGAATGCAACGAGACAAGAAGGA 1478 TTCGCCACCAAGTCGGCATTTGTT 1479 CGGTGGCTGACACTTGCCGGATTC 1480 CAAGGAGCAATCAGATGGCGGATTC 1481 GTGACCCGGTCTCTAGCTGTG 1481 GTGACCCGGTCTCTAGCTGTG 1482 CTCTCGCCCACATACTGCACAAA 1482 CTCTCGCCCACATACTGCACAAA 1483 AAACCTGCCTAAGCACACAA 1484 TTCCATATTGTACCCCGCGCACAC 1485 TGCTTGCGACCACACAA 1486 TTCCATATTGTACCCCGCGCACTG 1486 TTAGTGTTCGAGCTGGA 1487 TCCATATTGTACCCCGCGCACTG 1488 TTCCATATTGTACCCCGCGCACTG 1488 TTCCATATTGTACCCCGCGCACTG 1486 TTAGTGTTCGAGCCTTGAGCCGG 1486 TTAGTGTTCGAGCCTTGAGCCGG 1486 CTCAGCCTCAGCACACACACACACACACACACACACACAC	1475	CTCGCCTTAGATCGTGGTTCCGCA	TGCGGAACCACGATCTAAGGCGAG
1478 TTCGCCACCAGTCGCGATTTGTT AACAAATGCCGACTTGGTGGCGAA 1479 CGGTGGCTGACACTTGCCGGATTC 1480 CAAGGAGCAATCAGATGGTCGGAG CTCCGACCATCAGTTGCTCCTTG 1481 GTGACCCGGTCCGTTCTAGCTGTG CACACCTTGATTGCTCCTTG 1482 CTCTCGCCCACATAACTGCACAAA TTTGTGCAGTTAGTGGCGAGAGAGAGACACCACACACACA	1476	GTCGAGGAATATCATCGCAGCCAG	CTGGCTGCGATGATATTCCTCGAC
1479 CGGTGGCTGACACTTGCCGGATTC 1480 CAAGGAGCAATCAGATGGTCGAG 1481 GTGACCCGGTCCGTTCTAGCTGTG 1481 GTGACCCGGTCCGTTCTAGCTGTG 1482 CTCTCGCCCACATAACTGCACAAA 1183 AAACCTGCCTAAGCAAGCACTGGA 1483 TCCATATTGTACCCCGGCGATGC 1484 TTCCATATTGTACCCCGCGCATGC 1485 TGCTTGCGAAGCAAGCACTGGA 1486 TTAGTGTTCAGCACAGCACTGGA 1487 CTTGTTGCGATAACTGCC 1488 CTCATGCTCAAGCAAGCACTGGA 1488 TGCATGCTGAGCCTGGA 1489 CATCCCTCGAGCATCC 1489 CATCCCTCGAGCATCC 1489 CATCCCTCGAGCCTTGGAC 1490 CAGATGCACCGCACCACACACA 1491 CTGAGCCTCCGAGCATCC 1491 CTGAGCCTCCGACGATCC 1492 GCTATGCCACCCGAGCATCAC 1493 AACACCACCTCCGACGATCAC 1494 GCCCAGAGCTGACCACAC 1494 GCCCAGACCATACCGCC 1495 AATGCTGCAAGCATACTGCG 1496 CCCAGACCATACCGTCCGTTCA 1497 TAAGACCAACCATACCGTCCGTTCA 1498 GCCCAGACCATACCGTCCGTTCA 1499 GCCAGACCATACCGTCCGTTCA 1490 GCCCAGACCATACCGTCCGTTCA 1491 TCCGGACGCCACAACACC 1492 GCTATGCCACCCCCCACATACAGC 1493 AACACCAACCATACCGTCCGTTCA 1494 GCCCAGAGCTAACCGTCCGTTCA 1495 AATGCTGCAAGCATACCGTCCGTTCA 1496 TCCGGACGCAAGCATACCGGC 1497 TAAGACCATGCCTCCGACGGATACCGAC 1498 ACACCAACCATACCGTCCGTTCA 1499 TCCGGACGCAGATACCGGA 1499 TCCGGACGCAGATACCGGA 1499 TAAGACCAAGCCATACCGGACCACACACCATGCCTCTAC 1499 TAGAACCGAGCAGCACCACACGCCCCACTA 1499 TAGAACCGAGCAGCACCACAGGTCCGTCAC 1499 TAGAACCGAGCACCACACGCCCCACTA 1499 TAGAACCGAGCACCCAACGGCCCCACTA 1500 TTCGACTAAGCATGCCGCCCACTA 1500 TTCGACTAAGCTTGCAGCACACCC 1500 GTTCGCGACAGCACACCCCACGCCCCACTA 1501 CTTTCGCAGGTTCGAGCACACCC 1502 TACCGTCCTGTTGAACCCGC 1503 GTTCGGGTCAATGTTTCGGGACACACCC 1504 CCCTGTTGTGAAGCACACC 1505 GCCAGACTTGCTGCTTCA 1506 CCCCGCAACATTTCCAGCACACCC 1507 CCCCGCAACATTTTCACCCGC 1508 GCCAGACTTTGAACCCGC 1509 CCCCGCAACATTTTCACCCGC 1500 GTTCGGTCAACACACCCCACGCCCACTA 1501 CTTTCACCAGCCCCACACACCCCCCACTA 1501 TCCGCCCAACACACCCCCACTA 1501 TCCGCCCAACACACCCCCCACTA 1501 TCCGCCCGAACATTTTCCGGGACACCCCCCCCCCCCCCC	1477	GCGAATGCAACGAGAACAAGAAGGA	TCCTTCTTGTCTCGTTGCATTCGC
1480 CAAGGAGCAATCAGATGGTCGGAG CTCCGACCATCTGATTGCTCCTTG 1481 GTGACCCGGTCCGTTCTAGCTGTG CACAGCTAGAACGGACCGGGTCAC 1482 CTCTCGCCCACATAACTGCACAAA TTTGTGCAGTTATTGTGGGCGAGAG 1483 AAACCTGCCTAAGCAAGCACTGGA TCCAGTGCTTGCTTAGGCAGGTTT 1484 TTCCATATTGTACCCCGCGCATGC GCATGCCGGGGGTACAATATGGAA 1485 TGCTTGCGATATCACGATACTGCG CGCAGTCATCGAGACACACACACACACACACACACACACA	1478	TTCGCCACCAAGTCGGCATTTGTT	AACAAATGCCGACTTGGTGGCGAA
1481 GTGACCGGTCCGTTCTAGCTGTG 1482 CTCTCGCCCACATAACTGCACAAA 11TGTGCAGTTATGTGGGCGAGAG 1483 AAACCTGCCTAAGCAAGCACTGGA 1484 TTCCATATTGTACCCCGCGCATGC 1485 TGCTTGCGATATCTGCG 1486 CTTGTTGCGAGTATCTGCG 1486 CTTGTTGCGAGTACTGCG 1486 CTTGTTGCGAGTACTGCG 1486 CTTGTTGCGAGTCTTCGCGCGCGCTCGACACACAA 1487 CTTGTTGCGAGCCTTGAGCCGGC 1488 GTCAGCTGCGAGCCCGGCATGC 1489 CATCCCTCGAGGTGCTCTTC 1489 CATCCCTCGAGGTGCTCTTC 1489 CATCCCTCGAGGTGTAGCACACAC 1489 CATCCCTCGAGGTGTAGGCACAC 1490 CAGATGCACTCCGACGGATCAGCACACACACACACACACA	1479	CGGTGGCTGACACTTGCCGGATTC	GAATCCGGCAAGTGTCAGCCACCG
1482 CTCTCGCCACATAACTGCACAAA TTTGTGCAGTTATGTGGGCGAGAG 1483 AAACCTGCCTAAGCAAGCACTGGA TCCAGTGCTTACTTAGGCAGGTTT 1484 TTCCATATTGTACCCCGCGCATGC GCATGCGCGGGGTACAATATGGAA 1485 TGCTTGCGATATCACGATACTGCG CGCAGTATCGTGATATCGCAAGCA 1486 TTAGTGTTCGAGCCTTGAGCCGGC GCCGGCTCAAGGCTCGAACACTAA 1487 CTTGTTGCGCGAGTCCGTCTGGA TCCCAGACGGACTCGCGCAACACTAA 1488 GTCAGCTGCTGGTGCTCTTC GAAGAGCACCAGCACCAGCCAAGCAGCACTAA 1489 CATCCCTCGAGGTGTAGGCAACAC GTGTTGCCTACACCTGAGGGATT 1490 CAGATGCACTCCGACGGATTCAG CTGAATCCCGTCGAGGGATT 1490 CAGATGCACTCCGACGGATTCAG CTGAATCCCGTCGAGGGATT 1491 CTGAGCCTCGCAGAGCTGTGCAT ATGCCACAGCTGAGGGATG 1492 GCTATGCCACGCCGCAGATAGAGC GCTCATCTG 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGAGTAGCT 1494 GCCCAGAGCTAACCGTCCGTTCA TGAACGGACGGTATGGTTT 1494 GCCCAGAGCTAACCGTCCGTTCA TGAACGGACGGTATGGTGTT 1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGGTAGCATTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGCTAGCATTTAGCTCTGGGC 1496 TCCGGACGCAGATAGCGTCCGTA TAGCGACGCTAGCATTTTAGCTCTGGGC 1497 TAAGACCATGCTGCGCAACACCGGCCCACAA 1497 TAAGACCAGCACCACACGCGCCCACTA TAGTGGGCGCGTGTGTGTGCTTA 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCCGTTGTGTGGCTTTA 1499 TAGAACCGAGCACCACACGCGCCCACTA TAGTGGGCGCGTTGTGGCTGTTA 1500 TTCGAGTAAGCTGGCACAAGCACCGGCCCACTA TAGTGGGCGCGTTGTTGCTACAAGCACACACCACAC	1480	CAAGGAGCAATCAGATGGTCGGAG	CTCCGACCATCTGATTGCTCCTTG
1483 AAACCTGCCTAAGCAAGCACTGGA TCCAGTGCTTGCTTAGGCAGGTTT 1484 TTCCATATTGTACCCGCGCATGC GCATGCGCGGGGTACAATATGGAA 1485 TGCTTGCGATATCACGATACTGCG CGCAGTATCGTGATATCGCAAGCA 1486 TTAGTGTTCGAGCCTTGAGCCGGC GCCGGCTCAAGGCTCGAACACTAA 1487 CTTGTTGCGCGAGTCCGTCTGGGA TCCCAGACGACCTGACCACACACACACACACACACACACA	1481	GTGACCCGGTCCGTTCTAGCTGTG	CACAGCTAGAACGGACCGGGTCAC
1484 TTCCATATTGTACCCCGCGCATGC GCATGCGGGGTACAATATGGAA 1485 TGCTTGCGATATCACGATACTGCG CGCAGTATCGTGATATCGCAAGCA 1486 TTAGTGTTCGAGCCTTGAGCCGGC GCCGCTCAAGGCTCGAACACTAA 1487 CTTGTTGCGCGAGTCCGTCTGGGA TCCCAGACGACTCGCGCAACAAG 1488 GTCAGCTGCCTGCTGGTGCTCTTC GAAGAGCACCAGCAGGCAGCTGAC 1489 CATCCCTCGAGGTGTAGGCAACAC GTGTTGCCTTACACCTCGAGGGATG 1490 CAGATGCACTCCGACGGGATTCAG CTGAATCCCGTCGGAGTGCATCTG 1491 CTGAGCCTCGCAAGCTGTGGCAT ATGCCACAGCTTCGCGAGGCATCAG 1492 GCTATGCCACGCAGAAGAGC GCTTATCTGCGAGGGATGATG 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTTGGCATAGC 1494 GCCCAGAGCTAAAGCATGTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTACCGTTCA TAGCGACGGTATGCTTGAGCATT 1496 TCCGGACGCAGATACAGTCTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1497 TAAGACCATGCTAGCGTCGCTA TAGCGACGCTTGCACATTTAGCTCTGGGC 1498 ACAGCCACACCACAGCGTCCGCAATACACTTTAGCTCTGGGC 1499 TAGAACCGAGCACACACACGCGCCCACTA TAGCGACGCTTGCACATGTCTTA 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCCGTTGTCTGAGCATT 1499 TAGAACCGAGCACGCCCCACTA TAGTGGGCCGTTGTGCAGCATT 1500 TTCGAGTAAGCTGCAGCACACACACGCGCCCACTA 1501 CTTTCGCAGGTTCGCAGACACACCACGGCCCCACTA 1502 TACGTCTGTGCTGTTGACACCCGG 1503 GTTCGGGTCAATGTTTACCGGAA 1504 CCCTGTTGTGAAGGGGTTTTGAACACCGG 1505 GGCAGATTGGAAGGGGTTTTTAACAACACCCCTTCCAAACACCCGAACCTACACAGGG 1506 CCCTGGTTGTAAACCCCAAAATCC GCGTTCCAAAAACCCCTTCACAAAAGCCACTGCCAAAC 1506 CCCTGTTGTAAAGCGGAACAATCC GAATTGTCTCCCAAACAGGG 1507 CCCGCGAAACATTTGAACCCAAATCT GATTTTCGCGGGG 1508 CCCTGTTGTAAACACCCAAATCA TTATCTGGGGTTCACCAAATCTGCC 1506 CCCTGGTGTGTTCAAACACCCAAATCA TTATCTGGGGTTCACCAAATCTGCC 1507 CCCGCGAAACATTTGAACACACCCGACCAAATCTTTCCCAACAGGG 1509 TCCCTCCAGCTTCCCTTGCAAC GGTCTGCCTATA 1511 ATAGCCTGGGTCACCACAGGGGTC GACCGCCTTCCTAT 1511 ATAGCCTGGGTCACCACAGGGGTC GACCGCCTTCCAACCGGTTGCCTAT 1511 ATAGCCTGGGTCACCACAGGGGTC GACCGCCTTCTAA 1512 TTAGAAGCCGGTTTGAACACCCGGCTTCCTATA 1511 ATAGCCTGGGTCACCACAGGGGTC GACCGCCTTCCTAACCGGCTTCCCTATCC 1512 TTAGAACCCCGGTTCGACTTTCCAACAGGCGCTTCCTAA 1511 ATAGCCAAACCCCGCCTCCCTATCC GACCGCCTTCCTAACCCCGCTTCCCTATCC 1511 ATAGCCAAGCGGTCTAACCCCACAGGCGCTTCCTATA 1512 TTAGAAGCCCGGTTCGACTAGCCACAGGCGCTTCCTAACCCCGCTTCCTAACCCGCTTCCTAA	1482	CTCTCGCCCACATAACTGCACAAA	TTTGTGCAGTTATGTGGGCGAGAG
1485 TGCTTGCGATATCACGATACTGCG CGCAGTATCGTGATATCGCAAGCA 1486 TTAGTGTTCGAGCCTTGAGCCGGC GCCGGCTCAAGGCTCGAACACTAA 1487 CTTGTTGCGCGAGTCCGTCTGGGA TCCCAGACGACTCGCGCAACAAG 1488 GTCAGCTGCCTGCTGGTGCTCTTC GAAGAGCACCAGCAGGCAGCTGAC 1489 CATCCCTCGAGGTTAGGCAACAC GTGTTGCCTACACCTCGAGGGATG 1490 CAGATGCACTCCGACGGGATTCAG CTGAATCCCGTCGGAGGTGCATCTG 1491 CTGAGCCTCGCGAAGCTGTGGCAT ATGCCACAGCTTCGCGAGGCTCAG 1492 GCTATGCCACGCCGCAGATAGAGC GCTCTATCTGCGAGGCTTAGC 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTATGGTTGGTT 1494 GCCCAGAGCTAAAGCATGCTTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGCTA TGCAGCACTTTAGCTCTGGGC 1496 TCCGGACGCAGATACCATCCGGA TCCGGATTGCATGCACTT 1497 TAGAACCAATGCTACCATCCGGA TCCGGATTGGATACTGCACATT 1498 ACAGCCACACACACGCGCCCACTA TAGTGGCCGCACATGGTCTTA 1498 ACAGCCACACACACGCGCCCCACTA TAGTGGCCCGCTGCTCTA 1499 TAGAACCGAGCACGCCCCCACTA TAGTGGCCCGGTGTCTA 1499 TAGAACCGAGCACGCCCCACTA TAGTGGCCCGGTTCTCA 1500 TTTCGAGTAGCTGGCAGACAATCC GGATTGTCTGCAGCTTCTA 1501 TTCGAGTAGCTGCGAGACAATCC GGATTGTCTGCAACAGGCGTT 1502 TACGTCCTGTGGCAGACAATCC GGATTGTCTGCAACAGGACCTT 1503 GTTCGGGTCAATGTTTCGGGGAGA 1504 CCCTGTTGTGACACCGG CCGGTGTCAACAGCACAGGACCGTA 1505 GGCAGATTGGTAACACCAGG 1506 CCCTCGGTGTGTAAACACCCAAATC GATTTGCCCGAAC 1507 CCCGCGAACATTTGAACCCAAATC GATTTGCCCGAACCTTCACAACAGGG 1508 CCGTGTCAACAGCCCACAATC GATTTGCCCGAACCTTCACAACAGGG 1507 CCCGCGAACATTTGAACCCAAATC GATTTTGAACACACCCGAGG 1508 CCGTGTCAACAGCCCCAGCAAATC GATTTGACCCCGAAC 1509 TCCGCCCAACATTTGAACACCCAACCTTAA TTAACACGCTTCAACAACACCCGAGGAC 1509 TCCGTCTCAGCCCCCCCCCTCCCTATCC GGATAGGGAGCGACACTGACACGGACGAACTTAAACACCCCGAGGACCAACCGGCGCCTTCCCTATCC GGATAGGGAGCGACACTGACACCGG 1509 TCCGTCTCAGCCCCCCCCCCCCCTATCC GGATAGGGAGCGACCACCTGACCACCGG 1509 TCCGTCTCAGCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	1483	AAACCTGCCTAAGCAAGCACTGGA	TCCAGTGCTTGCTTAGGCAGGTTT
1486 TTAGTGTTCGAGCCTTGAGCCGGC GCCGGCTCAAGGCTCGAACACTAA 1487 CTTGTTGCGCGAGTCCGTCTGGGA TCCCAGACGACTCGCGCAACAAG 1488 GTCAGCTGCCTGCTGGTGCTCTTC GAAGAGCACCAGCAGGCAGCTGAC 1489 CATCCCTCGAGGTGTAGGCAACAC GTGTTGCCTACACCTCGAGGGATG 1490 CAGATGCACTCCGACGGGATTCAG CTGAATCCCGTCGGAGTGCATCTG 1491 CTGAGCCTCGCGAAGCTGTGGCAT ATGCCACAGCTTCGCGAGGCTCAG 1492 GCTATGCCACGCCGCAGATAGAGC GCTCTATCTGCGAGGCTCAG 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTATGGTTGGTTT 1494 GCCCAGAGCTAAAGCATGTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGTTGCATTGCA	1484	TTCCATATTGTACCCCGCGCATGC	GCATGCGCGGGGTACAATATGGAA
1487 CTTGTTGCGCGAGTCCGTCTGGA 1488 GTCAGCTGCCTGCTGGTGCTCTTC GAAGAGCACCAGCAGCAGCAGCAGCTGAC 1489 CATCCCTCGAGGTGTAGGCAACAC GTGTTGCCTACACCTCGAGGGATG 1490 CAGATGCACTCCGACGGGATTCAG CTGAATCCCGTCGGAGGGATG 1491 CTGAGCCTCGCGAAGCTGTGGCAT ATGCCACAGCTTCGCGAGGGTCAG 1492 GCTATGCCACGCCGCAGATAGAGC GCTCTATCTGCGGCGTGGCATAGC 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTATGGTTGT 1494 GCCCAGAGCTAAAGCATGTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGTA TAGCGACGGTATGGCTGTT 1496 TCCGGACGCAGATACCGTCCGTA TAGCGACGCTAGCATTGCAGCATT 1497 TAAGACCATGCTCAGCTCATA TAGCGACGCTAGCATTGCAGCATT 1498 ACACCACACACACGCGCCCACTA TAGTGGGCCGCTGGTCTTA 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCCGCTGTGTGTGTCTTA 1499 TAGAACCGAGCACACACGCGCCCACTA TAGTGGGCGCGTGTTGTGGCTCTTA 1500 TTCGAGTAAGCTGGCAGCACACTC GGATTGCTGCAGCATT 1501 CTTTCGCAGGTTCGCAGCACACTC GGATTGCTCCGGAACG 1502 TACGTCCTGTGCTGTTGACACCGG CCGGTTCTCGCAACCTCGAACG 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGCGGAGACAATCC GGATTGTCTCGCAACCTGCCAACC 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACACACACACGGG 1506 CCCTCGGTGTTCAAGCCCAAATC GATTTGGCTTGAACACACCCGAAC 1507 CCCGCGAACATTTGAACACCCAATCA TTATCTGGGGTTCACACACACCGAGGG 1508 CCCTCGGTGTTCAAGCCCAAATC GATTTGGCTTCAAAACCCCTTCACAACACGGG 1509 TCCGCGAACATTTGAACACCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1509 TCCGTCAGCTCCCTTGCCCTGCACG 1510 ATAGCTGGTCACCACACACGCGCTCCCTATCC GAACCGCGTTGACACCCGCGACCTTTCACAACACGGAACTTGACCCCGAAC 1511 ATAGGCAAGCCGCTCCCTATCC GAATAGGGAGGCGCTTGACACCGCGACCTTTCACAACACCCGAACTTTGACCCCGAACCTTAACACCCGGAGCGACACTTGACACCCGGAGACACTTGACCCGCACCTTCACAACACCCGAGGACACTTGACACCCGCGCTCCCTATCC GAATAGGGAGGGGCGCTGAGACCGGAACTTGACCCCGACCCTTCACAACACCCGAGGAACATTTGACCCCGAACCTTAA TTAAGCTGTTCAAAATGTTCGCGGG 1509 TCCGTCTCAGCCACACACACACACGGGGTC GACCGCCTTGCCTAT 1511 ATAGGCAAGCCGGTCTCCCTTGCC GACCGCTTGCCTAT 1511 ATAGGCAACCCCGCTCCCTATCC GACCGCCTTGCCTATC 1512 TTAGAAGCCGGTCTGGATTTGCGT ACCCAAATCCCAGCCGCTTCCTATC	1485	TGCTTGCGATATCACGATACTGCG	CGCAGTATCGTGATATCGCAAGCA
1488 GTCAGCTGCTGGTGGTGCTCTTC GAAGAGCACCAGCAGCAGGCAGCTGAC 1489 CATCCCTCGAGGTGTAGGCAACAC GTGTTTGCCTACACCTCGAGGGATG 1490 CAGATGCACTCCGACGGGATTCAG CTGAATCCCGTCGGAGTGCATCTG 1491 CTGAGCCTCGCGAAGCTGTGGCAT ATGCCACAGCTTCGCGAGGCTCAG 1492 GCTATGCCACGCCGCAGATAGAGC GCTCTATCTGCGGCGTGGCATAGC 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTATGGTTGTT 1494 GCCCAGAGCTAAAGCATGTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGCTAGCACTTT 1496 TCCGGACGCAGTATCCAATCCGGA TCCGGATTGCAGCATT 1497 TAAGACCATGTCCAATCCGGA TCCGGATTGGAGCATT 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCGCGTGTGTGTGTCTTA 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCGCGTGTTGTGGCTCTTA 1499 TAGAACCGAGCACCACACACGCGCCCACTA TACAGGGCGCGTGTTGTGGCTCTA 1500 TTCGAGTAAGCTGGCAGCACACTC GGATTGCTCCAGCTTCAACAGCAGCGCGCCTTGTA 1500 TTCGAGTAAGCTGGCAGACAATCC GGATTGCTCGCAACCTTCGAA 1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGCTCGCAACCTTCGAA 1502 TACGTCCTGTGCTGTTGACACCCGG CCGGTGTCACAGCACCAGCACACACACACGGGGGAAAC 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACACACGAGGG 1507 CCCGCGAACATTTGAACACCTAAA TTATCTGGGGTTCACAACACCCGAGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCTCAAAATGTTCGCGGG 1509 TCCGTCAGCTCCCTTGCC GGATAGGGAGGCGACACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGACCACCGGAGCAACTGACACCGGGGTTCAACAACCCCGTGGAGACCGGAACTGAACCGCGCGCTGCTCCCTATC 1510 ATAGCTGGGTCACCACACAGGCGGTC GACCGCCTTGCCTAT 1511 ATAGGCAAGCCGGTTTAGCCCAACCGCGCTTCCTAACACCCGCTTTCAACACCCGCTTTCAACAACCCCGTTTCCTAACACCCGCTTTCAACACCCGCTTTCAACAACCCGCTTTCAACAACCCCGTTTCCTAACAACACCCGGGGGCTTCAACACCCGGGGTTCAACACCCCGCTTCCCTATCC GGATAGGGAGGAGCAACTGACACCGGAACATTTGACCCCGAACCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1509 TCCGTCTCAGCCACACACACACGCGCTCCCTATCC GGATAGGGAGGCGCTTGAACCCCAGCTAT 1511 ATAGGCAACCCGCTTCCCTTGCCTTGCCTTAA 1512 TTAGAAGCCGGTCTCCTATCC GACCACACCGCCTTCCTATC	1486	TTAGTGTTCGAGCCTTGAGCCGGC	GCCGGCTCAAGGCTCGAACACTAA
1489 CATCCTCGAGGTGTAGGCAACAC GTGTTGCCTACACCTCGAGGGATG 1490 CAGATGCACTCCGACGGGATTCAG CTGAATCCCGTCGGAGTGCATCTG 1491 CTGAGCCTCGCGAAGCTGTGGCAT ATGCCACAGCTTCGCGAGGCTCAG 1492 GCTATGCCACGCCGCAGATAGAGC GCTCTATCTGCGGCGTGGCATAGC 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTATGGTTGTT 1494 GCCCAGAGCTAAAGCATGTCTGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCA TAGCGACGGTATGCTTGGGC 1496 TCCGGACGCAATCCAATCCGGA TCCGGACTTGCACCATT 1497 TAAGACCATGTGGCACCAAGGTG GCACCTTGGTGCACATGTTTA 1498 ACAGCCACACACACCGCGCCCACTA TAGTGGGCCGCACATGGTTTA 1499 TAGAACCGAGCACCACGCGCCCACTA TAGTGGGCCCGTGTGTGTGGCTGT 1500 TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCAACCTCGGA 1501 CTTTCGCAGGTCCCAGACACCCGCCCCACTA AGTGGTCCTGCAACCTCCGAAC 1502 TACGTCCTGTGTGACACCGG CCGGTTCTCGCAACCTGCGAACG 1503 GTTCGGGTCAATGTTCGGGAACA 1504 CCCTGTTGTGACACCGG CCGGTTCCACACACACACACACGGCGCTTGTA 1505 GGCAGATTGTCAGAGGGTTTTGTA 1506 CCCTCGGTTGTAAGCCCAAATCC GATTTTCGCGAACCTTCCCAACCGGCCCACC 1506 CCCTCGGTTGTCAACCCCAAATCC GATTTGCCCCAACCTTCCCAACCACCACCGGCGCTTCTCACAACACCCCGAACC 1507 CCCGCGAACATTTGAACCCCAAATCC GATTTGGCTTGAACACCCGAACC 1508 CCCTCGGTTGTTCAAGCCAAATC GATTTGGCTTGAACACCCCGAGG 1509 TCCGTCAGTTGTCACCCCAGCTTAACCCGGCGCCTTCACAACACCCGAGGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGCGACCTTGCCTAT 1511 ATAGCCAAGCCGGTCTGCCTAT 1512 TTAGAACCCGGTCTGGATTTGCGT ACCGCAACCCGGCTTCTAA	1487	CTTGTTGCGCGAGTCCGTCTGGGA	TCCCAGACGGACTCGCGCAACAAG
1490 CAGATGCACTCCGACGGATTCAG 1491 CTGAGCCTCGCGAAGCTGTGGCAT 1492 GCTATGCCACGCCGCAGATAGAGC 1493 AACACCAACCATACCGTCCGTTCA 1494 GCCCAGAGCTAAGCC 1495 AATGCTGCAATGCTTCGGG 1495 CCCAGAGCTAAGCATTCTGGG 1496 TCCGGACGCTGAAGCATTCCGGACTTTAGCTCTGGGC 1497 TAAGACCAACCATGCTTGGG 1498 ACACCAACCATGCTAGCGTCGCTA 1498 TCCGGACGCAGTATCCAATCCGGA 1497 TAAGACCATGTGGGACCAAGGTGC 1498 ACAGCCACACACGCGCCCACTA 1498 ACAGCCACACACGCGCCCACTA 1499 TAGAACCGAGCAGCAGCACTTGTA 1499 TAGAACCGAGCACCACGCGCCCACTA 1500 TTCGAGTAAGCTGGCAGCACACAC 1501 CTTTCGCAGGTTCGCAGCACACACCGG 1502 TACGTCCTGTGTGACACCCGG 1503 GTTCGGGTCAATGTTCGGAACATCC 1504 CCCTGTTGTGAAGCGGAGAC 1505 GGCAGATTGGAAGCACCCAGATAA 1506 CCCTCGGTGTGAAGCCCCAGATAA 1507 CCCCGCGAACATTTGAACCCGG 1508 CCCTCGGTGTTTAAGCCCAGACAATCC 1509 TCCGTCCCCGGAACATTCACCGG 1509 TCCGTCCCCCGCCCCTATCC 1510 ATAGGCCAGCCCCCCCTATA 1511 ATAGGCAAGCCGGTTCCAAA	1488	GTCAGCTGCCTGCTGGTGCTCTTC	GAAGAGCACCAGCAGGCAGCTGAC
1491 CTGAGCCTCGCGAAGCTGTGGCAT 1492 GCTATGCCACGCCGCAGATAGAGC 1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTATGGTTGTT 1494 GCCCAGAGCTAAGCATCTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGCTAGCATTTTAGCTCTGGGC 1496 TCCGGACGCATACCATCCGGA TCCGGATTGCATCCGGA 1497 TAAGACCATGCTAGCGTCCGTA TAGCGACGCTAGCATTGCAGCATT 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCGCACATGGTCTTA 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCGCTGTGTGTGGCTGT 1499 TAGAACCGAGCACCACGGCCCCACTA TAGTGGGCGCCGTGCTCGGTTCTA 1500 TTCGAGTAAGCTGGCAGCACACTC GGATTGCTCGCACCTTGCAA 1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCAACCTGCAACCTGCAACCTTGCCAGCTTACTCGAA 1502 TACGTCCTGTGCTGTTGACACCGG CCGTGTCACACACACACACGACACAC 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAACAGGG 1506 CCCTCGGTGTTCAAGCCCAAATC GATTTGGCCTTGACACCGGGG 1507 CCCGCGAACATTTGAACAGCTAAA TTATCTGGGGTTCACCAATCTGCC 1508 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACCCGAGGG 1509 TCCGTCCAGCCGCCTCCCTATCC GGATAGGGAGCAACTGACACGG 1510 ATAGCTGGGTCACCACAGGGGTC GACCGCTTGGTACCCAGCACTAT 1511 ATAGGCAAGCCGGTTCGAATTGCCT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGCGCTTCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGGCGTTCTAA	1489	CATCCCTCGAGGTGTAGGCAACAC	GTGTTGCCTACACCTCGAGGGATG
1492 GCTATGCCACGCCGCAGATAGAGC 1493 AACACCAACCATACCGTCCGTTCA 1494 GCCCAGAGCTAAAGCATGTCTGGG 1495 AATGCTGCAATGCTAGCGTCGGTA 1496 TCCGGACGCAGATACCGTCGGA 1497 TAAGACCATGCTGGGATTGGTGGTGTT 1498 ACAGCCACATGCTAGCGTCGCTA 1498 ACAGCCACACAGCGCCCCACTA 1498 ACAGCCACACACGCGCCCACTA 1499 TAGAACCGAGCACCACAGGTGC 1499 TAGAACCGAGCACCACTGTA 1500 TTCGAGTAAGCTGGCAGCACCACT 1500 TTCGAGTAGCTTGCAGCACCACT 1501 CTTTCGCAGGTTCGCAGACCACT 1502 TACGTCCTGTGCAGCACCACCG 1503 GTTCGGGTCAATGTTTGGAGACCCGG 1504 CCCTGTTGTGAAGCGGTTTTTTTTTTTTTTTTTTTTTTT	1490	CAGATGCACTCCGACGGGATTCAG	CTGAATCCCGTCGGAGTGCATCTG
1493 AACACCAACCATACCGTCCGTTCA TGAACGGACGGTATGGTTGGTGTT 1494 GCCCAGAGCTAAAGCATGTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGCTAGCATTGCAGCATT 1496 TCCGGACGCAGTATCCAATCCGGA TCCGGATTGGATACTGCGTCCGGA 1497 TAAGACCATGTGGCACCAAGGTGC GCACCTTGGTGCCACATGGTCTTA 1498 ACAGCCACACACACGCGCCCCACTA TAGTGGGCGCGTGTGTGGGCTGT 1499 TAGAACCGAGCACGCGCCCACTA TACAAGGCGCCGTGTCTGGTTCTA 1500 TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCAGCTTCTA 1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCAACCTGCGAACG 1502 TACGTCCTGTGTGACACCGG CCGTGTCTGCGAACCTTGCAACACCGGGTCAACAGCACAGGACCATA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACAACAGGG 1506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACCGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGACTGACACGGA 1510 ATAGCTGGTCACCACAGGGGTC GACCGCCTTGCCTAT 1511 ATAGCAAGCCGGTTCGATTTGCGT ACGCAAATCCACCGGTTTCCCTAT 1512 TTAGAAGCCGGTCTGAATTTGCGT ACGCAAATCCAGCCGGCTTCTAA	1491	CTGAGCCTCGCGAAGCTGTGGCAT	ATGCCACAGCTTCGCGAGGCTCAG
1494 GCCCAGAGCTAAAGCATGTCTGGG CCCAGACATGCTTTAGCTCTGGGC 1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGCTAGCATTGCAGCATT 1496 TCCGGACGCAGTATCCAATCCGGA TCCGGATTGGATACTGCGTCCGGA 1497 TAAGACCATGTGGCACCAAGGTGC GCACCTTGGTGCCACATGGTCTTA 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCGCGTGTGTGTGGCTGT 1499 TAGAACCGAGCACGGCGCCCACTA TACAAGGCGCCGTGCTCGGTTCTA 1500 TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCAGCTTCTCA 1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCGAACCTGCGAAAG 1502 TACGTCCTGTGTGACACCCGG CCGGTGTCACCAGCACAC 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACACAACAGGG 1506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACCGA 1510 ATAGCTGGTCACCACAGGGGTC GACCGCCTTGCCTAT 1511 ATAGCCAAGCCGGTTCGATTTGCGT ACGCAAATCCCAGCTTTCCCTAT 1512 TTAGAAGCCGGTCTCGATTTGCGT ACGCAAATCCAGCCGGCTTCTAA	1492	GCTATGCCACGCCGCAGATAGAGC	GCTCTATCTGCGGCGTGGCATAGC
1495 AATGCTGCAATGCTAGCGTCGCTA TAGCGACGCTAGCATTGCAGCATT 1496 TCCGGACGCAGTATCCAATCCGGA TCCGGATTGGATACTGCGTCCGGA 1497 TAAGACCATGTGGCACCAAGGTGC GCACCTTGGTGCCACATGGTCTTA 1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCGCGTGTGTGGGCTGT 1499 TAGAACCGAGCACGGCGCCCACTA TACAAGGCGCCGTGCTCGGTTCTA 1500 TTCGAGTAAGCTGGCAGGACCACT AGTGGTCTGCCAGCTTACTCGAA 1501 CTTTCGCAGGTTCGCAGACCACT GGATTGTCTGCAACCTGCAAAGG 1502 TACGTCCTGTGTTGACACCGG CCGTGTCAACAGCACAGGACGTA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTCACACACGGG 1507 CCCGCGAACATTTGAACACCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACCGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGACCACTGACCGGA 1510 ATAGCTGGTCACCACAGGCGGTC GACCGCCTGTGGTACCCAGCTAT 1511 ATAGGCAAGCCGGTTCTGAA	1493	AACACCAACCATACCGTCCGTTCA	TGAACGGACGGTATGGTTGGTGTT
1496 TCCGGACGCAGTATCCAATCCGGA TCCGGATTGGATACTGCGTCCGGA 1497 TAAGACCATGTGGCACCAAGGTGC GCACCTTGGTGCCACATGTCTTA 1498 ACAGCCACACACGCGCCCACTA TAGTGGGCGCGTGTGTGTGGCTGT 1499 TAGAACCGAGCACGGCGCCTTGTA TACAAGGCGCCGTGCTCGGTTCTA 1500 TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCCAGCTTACTCGAA 1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCGAACCTGCGAAAG 1502 TACGTCCTGTGTGACACCGG CCGGTGTCAACAGGACGTA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACACGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGCGACTGACACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTTGCCTAT 1511 ATAGCCAAGCCGATTTGCGT ACGCAAATCCACCGGCTTCTAA	1494	GCCCAGAGCTAAAGCATGTCTGGG	CCCAGACATGCTTTAGCTCTGGGC
1497 TAAGACCATGTGGCACCAAGGTGC GCACCTTGGTGCCACATGGTCTTA 1498 ACAGCCACACACGCGCCCACTA TAGTGGGCGCGTGTGTGTGGCTGT 1499 TAGAACCGAGCACGGCGCCTTGTA TACAAGGCGCCCGTGCTCGGTTCTA 1500 TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCCAGCTTACTCGAA 1501 CTTTCGCAGGTTCGCAGACCACT GGATTGTCTGCGAACCTGCGAAAG 1502 TACGTCCTGTGTTGACACCGG CCGGTGCTAACAGCACAGGACGTA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAACACTTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGCGGCTGAGACGGA 1510 ATAGCTGGTCACCACAGGCGGTC GACCGCCTTGCCTAT 1511 ATAGGCAAGCCGGTTTAGCGT ACGCAAATCCAGCCGGCTTCTAA	1495	AATGCTGCAATGCTAGCGTCGCTA	TAGCGACGCTAGCATTGCAGCATT
1498 ACAGCCACACACACGCGCCCACTA TAGTGGGCGCGTGTTGTGTGTTTA 1499 TAGAACCGAGCACGGCGCCTTGTA TACAAGGCGCCGTGCTCGGTTCTA 1500 TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCCAGCTTACTCGAA 1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCGAACCTGCGAAAG 1502 TACGTCCTGTGTTGACACCGG CCGGTGTCAACAGCACAGGACGTA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTTTCAAGCCAAATC GATTTGGCTTGAACACCCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGGGGGGTGAGACGGA 1510 ATAGCTGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCCGGTTTGCGT ACGCAAATCCAGCCGGCTTCTAA	1496	TCCGGACGCAGTATCCAATCCGGA	TCCGGATTGGATACTGCGTCCGGA
TAGAACCGAGCACGGCGCCTTGTA TACAAGGCGCCGTGCTCGGTTCTA TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCCAGCTTACTCGAA T501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCGAACCTGCGAAAG T502 TACGTCCTGTGCTGTTGACACCGG CCGGTGTCAACAGCACAGGACGTA T503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC T504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG T505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC T506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG T507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG T508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG T509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGAGGAGCGGCTGAGACGGA T510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT T511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTTCCAA	1497	TAAGACCATGTGGCACCAAGGTGC	GCACCTTGGTGCCACATGGTCTTA
TTCGAGTAAGCTGGCAGGACCACT AGTGGTCCTGCCAGCTTACTCGAA 1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCGAACCTGCGAAAG 1502 TACGTCCTGTGCTGTTGACACCGG CCGGTGTCAACAGCACAGGACGTA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTTGCCTAT 1511 ATAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGCCGGCTTCTAA	1498	ACAGCCACACACGCGCCCACTA	TAGTGGCGCGTGTGTGTGGCTGT
1501 CTTTCGCAGGTTCGCAGACAATCC GGATTGTCTGCGAACG 1502 TACGTCCTGTGTTGACACCGG CCGGTGTCAACAGCACAGGACGTA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGGGGGCTGAGACGGA 1510 ATAGCTGGTCACCACAGGGGGC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGCAAGCGGTGTAGCACAGG CGCTGTGCTACACCGGTTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1499	TAGAACCGAGCACGGCGCCTTGTA	TACAAGGCGCCGTGCTCGGTTCTA
1502 TACGTCCTGTGCTGTTGACACCGG CCGGTGTCAACAGCACAGGACGTA 1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAAACATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGGC CGCTGTGCTACACCGCTTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1500	TTCGAGTAAGCTGGCAGGACCACT	AGTGGTCCTGCCAGCTTACTCGAA
1503 GTTCGGGTCAATGTTTCGGGGAGA TCTCCCCGAACCATTGACCCGAAC 1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1501	CTTTCGCAGGTTCGCAGACAATCC	GGATTGTCTGCGAACCTGCGAAAG
1504 CCCTGTTGTGAAGGGGTTTTGTGA TCACAAAACCCCTTCACAACAGGG 1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1502	TACGTCCTGTGCTGTTGACACCGG	CCGGTGTCAACAGCACAGGACGTA
1505 GGCAGATTGGTGAACCCCAGATAA TTATCTGGGGTTCACCAATCTGCC 1506 CCCTCGGTGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1503	GTTCGGGTCAATGTTTCGGGGAGA	TCTCCCGAAACATTGACCCGAAC
1506 CCCTCGGTGTGTTCAAGCCAAATC GATTTGGCTTGAACACACCGAGGG 1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1504	CCCTGTTGTGAAGGGGTTTTGTGA	TCACAAAACCCCTTCACAACAGGG
1507 CCCGCGAACATTTGAACAGCTTAA TTAAGCTGTTCAAATGTTCGCGGG 1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1505	GGCAGATTGGTGAACCCCAGATAA	TTATCTGGGGTTCACCAATCTGCC
1508 CCGTGTCAGTTGCTCCCTGGCACG CGTGCCAGGAGCAACTGACACGG 1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1506	CCCTCGGTGTGTTCAAGCCAAATC	GATTTGGCTTGAACACACCGAGGG
1509 TCCGTCTCAGCCGCCTCCCTATCC GGATAGGGAGGCGGCTGAGACGGA 1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1507	CCCGCGAACATTTGAACAGCTTAA	TTAAGCTGTTCAAATGTTCGCGGG
1510 ATAGCTGGGTCACCACAGGCGGTC GACCGCCTGTGGTGACCCAGCTAT 1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1508	CCGTGTCAGTTGCTCCCTGGCACG	CGTGCCAGGGAGCAACTGACACGG
1511 ATAGGCAAGCGGTGTAGCACAGCG CGCTGTGCTACACCGCTTGCCTAT 1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1509	TCCGTCTCAGCCGCCTCCCTATCC	GGATAGGGAGGCGGCTGAGACGGA
1512 TTAGAAGCCGGTCTGGATTTGCGT ACGCAAATCCAGACCGGCTTCTAA	1510	ATAGCTGGGTCACCACAGGCGGTC	GACCGCCTGTGGTGACCCAGCTAT
1510	1511	ATAGGCAAGCGGTGTAGCACAGCG	CGCTGTGCTACACCGCTTGCCTAT
1513 TGCCGACCTTTACCAGGATCCTCG CGAGGATCCTGGTAAAGGTCGGCA	1512	TTAGAAGCCGGTCTGGATTTGCGT	ACGCAAATCCAGACCGGCTTCTAA
	1513	TGCCGACCTTTACCAGGATCCTCG	CGAGGATCCTGGTAAAGGTCGGCA

1514	GCCCACACTATAACCAAGCTGGCA	TGCCAGCTTGGTTATAGTGTGGGC
1515	TTGCGCCACTAGTACGGATCTCAA	TTGAGATCCGTACTAGTGGCGCAA
1516	CTTGCAGTTTATGCTGACCCGTCC	GGACGGGTCAGCATAAACTGCAAG
1517	TGCCTCCAAATTACTTACCGCCGT	ACGGCGGTAAGTAATTTGGAGGCA
1518	CCCGTATGCGGAAGCTATGGGCTA	TAGCCCATAGCTTCCGCATACGGG
1519	TCGTTCAACCCCACACTTCAGTTG	CAACTGAAGTGTGGGGTTGAACGA
1520	CAATGTGGGGGACATTTCAAGGTT	AACCTTGAAATGTCCCCCACATTG
1521	TAGCGTCGCACAAATGGCTGACCG	CGGTCAGCCATTTGTGCGACGCTA
1522	GGTGGCTTCGTGACAATATCGGCC	GGCCGATATTGTCACGAAGCCACC
1523	CAGCGGCGTCCGAAATTGGCTCTC	GAGAGCCAATTTCGGACGCCGCTG
1524	GGCTTGCTCTCGTTTTTGATTGCA	TGCAATCAAAAACGAGAGCAAGCC
1525	ATGCGAGGAGGACACGACCGTTCC	GGAACGGTCGTGTCCTCCTCGCAT
1526	CCTGTTCACTACGACCCACGGGAA	TTCCCGTGGGTCGTAGTGAACAGG
1527	GTGCCACGGAGTGCGACTGTTGCT	AGCAACAGTCGCACTCCGTGGCAC
1528	ACACATCCAAGTCTGACGATGGCC	GGCCATCGTCAGACTTGGATGTGT
1529	CAGCCCGAAAGGAAAGCCTCCGTG	CACGGAGGCTTTCCTTTCGGGCTG
1530	AACTGAATGTAGGTGGGCCCCTGT	ACAGGGCCCACCTACATTCAGTT
1531	ATTTTCGACGATAAGCTGGCCGGT	ACCGGCCAGCTTATCGTCGAAAAT
1532	TGAGGGAGAACCCGAAATCTGCTT	AAGCAGATTTCGGGTTCTCCCTCA
1533	GGCGACTACATCCCCAATTGCTTG	CAAGCAATTGGGGATGTAGTCGCC
1534	GCAGACGCGGCCTTCCATACTTTT	AAAAGTATGGAAGGCCGCGTCTGC
1535	ACAACCACATGACGTGTAGCTGCA	TGCAGCTACACGTCATGTGGTTGT
1536	CTGCTGGGCGCGCAAAGCTTGTTG	CAACAAGCTTTGCGCGCCCAGCAG
1537	AAGCCTTCTTTGGCTTGCTCCGCT	AGCGGAGCAAGCCAAAGAAGGCTT
1538	TACCTGCTGCCTGGAGCAAGGCAT	ATGCCTTGCTCCAGGCAGCAGGTA
1539	GACGCCGCAGCCATGAGTGAGTGT	ACACTCACTCATGGCTGCGGCGTC
1540	AGTTGGCCGCTTATTTTGCTCACC	GGTGAGCAAAATAAGCGGCCAACT
1541	CCAGGCGCCTTCGACAGATCCTCA	TGAGGATCTGTCGAAGGCGCCTGG
1542	GTGTCCCCTCCAGCTAGCCAGTTT	AAACTGGCTAGCTGGAGGGGACAC
1543	GACAACAAGCCAAGGTGACACGTC	GACGTGTCACCTTGGCTTGTTGTC
1544	CTACACCGCTCGTGACTCGGCAAA	TTTGCCGAGTCACGAGCGGTGTAG
1545	TGGTGCCATCAAAGCACGTTGTAC	GTACAACGTGCTTTGATGGCACCA
1546	ACAATGCGTGTTGCGAAACGCATA	TATGCGTTTCGCAACACGCATTGT
1547	TTGTCCAGCCATTGTATTTTGCGC	GCGCAAAATACAATGGCTGGACAA
1548	ACGAGAGATAGCGGACTCCTCCGA	TCGGAGGAGTCCGCTATCTCTCGT
1549	AGCTTTGTCGTCAGGCGAGCTCTT	AAGAGCTCGCCTGACGACAAAGCT
1550	GACAGTCGGCGTGCAGTTTGTTGT	ACAACAAACTGCACGCCGACTGTC
1551	AGCTAGCGACGGCCAACTCACGTA	TACGTGAGTTGGCCGTCGCTAGCT
1552	CTCCTGTTCGGGGCCGTTACTGGT	ACCAGTAACGGCCCCGAACAGGAG
1553	ACTGACCGACGCAGTGCCACATAG	CTATGTGGCACTGCGTCGGTCAGT
1554	AGGTAGGGTCTGGTTTGACTCGCA	TGCGAGTCAAACCAGACCCTACCT

1555	CCTCCATTTTAGCGCGTTGCCAAT	ATTGGCAACGCGCTAAAATGGAGG
1556	TTCTTAGGATCCGCGCACTCTTGG	CCAAGAGTGCGCGGATCCTAAGAA
1557	GTCGAAGGTGTCTACCGTGCGCAG	CTGCGCACGGTAGACACCTTCGAC
1558	GTCACTCGGCGGCCCAATCACTCG	CGAGTGATTGGGCCGCCGAGTGAC
1559	TCTCGGTCACCCGTCTTGACCCTT	AAGGGTCAAGACGGGTGACCGAGA
1560	GCCCTCGACGAACTCATCCTGAAC	GTTCAGGATGAGTTCGTCGAGGGC
1561	TCCGGCGTACTCTGACACGGCGAT	ATCGCCGTGTCAGAGTACGCCGGA
1562	AGCCAAATGCTTTCGTGGTTCGGA	TCCGAACCACGAAAGCATTTGGCT
1563	ACTCCACGCCGCATGTTGCTGTGA	TCACAGCAACATGCGGCGTGGAGT
1564	GCTTCGAGTCGGTGGCATCTGTAT	ATACAGATGCCACCGACTCGAAGC
1565	GGTCTTGGGCCATCGACTTGCTGC	GCAGCAAGTCGATGGCCCAAGACC
1566	GGTATCGGACTGCACTAAGGGCAA	TTGCCCTTAGTGCAGTCCGATACC
1567	AGCCCATGCGTTCCGGATGATTTG	CAAATCATCCGGAACGCATGGGCT
1568	GCCAGGGTTAAAAGTGATGGGCTC	GAGCCCATCACTTTTAACCCTGGC
1569	GACGACGTGCTGGCTACGAAGGGG	CCCCTTCGTAGCCAGCACGTCGTC
1570	TCCTATTGACCGTGCATCGTGATC	GATCACGATGCACGGTCAATAGGA
1571	ACCCGCCTCGACTCCACAACTAAA	TTTAGTTGTGGAGTCGAGGCGGGT
1572	GATGTGGATCACGACCTGCCAGTA	TACTGGCAGGTCGTGATCCACATC
1573	GTGCCATTGCCACCCATAATGCGT	ACGCATTATGGGTGGCAATGGCAC
1574	TTAGCCTGTGCACCCAGTCAGGAG	CTCCTGACTGGGTGCACAGGCTAA
1575	TCCGATGGGAGAGGCTGATCTCAC	GTGAGATCAGCCTCTCCCATCGGA
1576	CACTACTGAAGTGGCCTGGCGCTG	CAGCGCCAGGCCACTTCAGTAGTG
1577	TGCGGCCATAGCGATGTGATAGAT	ATCTATCACATCGCTATGGCCGCA
1578	GATTGCGCTTAACGGAGATGCACG	CGTGCATCTCCGTTAAGCGCAATC
1579	TCACGTTTGACAACGCCAAGCATT	AATGCTTGGCGTTGTCAAACGTGA
1580	GCATTGTTTGCTAAAGGCGGCATT	AATGCCGCCTTTAGCAAACAATGC
1581	AGTCGCTCTACGCGTGCAACGCTG	CAGCGTTGCACGCGTAGAGCGACT
1582	TAGCTCCATGGAGGTCCGAAAGGG	CCCTTTCGGACCTCCATGGAGCTA
1583	GACCGGTTGGACCTCACTGGCTTC	GAAGCCAGTGAGGTCCAACCGGTC
1584	AAGCCGGACAGTCAATGTGCGTAT	ATACGCACATTGACTGTCCGGCTT
1585	TGCCTCGCTGAGTTCTTCACCGTG	CACGGTGAAGAACTCAGCGAGGCA
1586	TCGTAGACCTTGCTTTTGGGCTCA	TGAGCCCAAAAGCAAGGTCTACGA
1587	ACCGCTATGCGCCCTACAAAGCAT	ATGCTTTGTAGGGCGCATAGCGGT
1588	TAGCGTCACCGTAGCTTGGGGCAG	CTGCCCAAGCTACGGTGACGCTA
1589	CTCTCAGCAACTGATGGCACCGGA	TCCGGTGCCATCAGTTGCTGAGAG
1590	AAAGGAAATGTGGTGCTGGTCGGC	GCCGACCAGCACCACATTTCCTTT
1591	CCGGCTTAGATGGAGAACAAGTGC	GCACTTGTTCTCCATCTAAGCCGG
1592	AAGTAAATCGCCTCGCCCAAACCG	CGGTTTGGGCGAGGCGATTTACTT
1593	TGGGCTGTTCAGCCTACCGGACGT	ACGTCCGGTAGGCTGAACAGCCCA
1594	GTTTCGGTTCAGCCATGGGCCTAC	GTAGGCCCATGGCTGAACCGAAAC
1595	GGCCAACATTTCTAGGGGAGTGCC	GGCACTCCCCTAGAAATGTTGGCC

1596	TTCTTCGTTGGGATTGTCCTCACC	GGTGAGGACAATCCCAACGAAGAA
1597	TGCACATTGGGGTACGGATCTGAC	GTCAGATCCGTACCCCAATGTGCA
1598	GGCAGTTAGACGGCAAACTGCAGG	CCTGCAGTTTGCCGTCTAACTGCC
1599	CGCGTCAGGCTATGAATGGCTCTT	AAGAGCCATTCATAGCCTGACGCG
1600	GCTGAATGCAAACCTCGGAGCCAT	ATGGCTCCGAGGTTTGCATTCAGC
1601	CGCTCTGGCGGATTCATTGTTTTC	GAAAACAATGAATCCGCCAGAGCG
1602	TTTTCAATCAACCCTCCGGACGTA	TACGTCCGGAGGGTTGATTGAAAA
1603	GTGGTGGAGTCTGAAGCACGACAG	CTGTCGTGCTTCAGACTCCACCAC
1604	AAACAGGTCCGGATGATGTCTGGA	TCCAGACATCATCCGGACCTGTTT
1605	GTACCGCGTGTACGCCACCGTTAG	CTAACGGTGGCGTACACGCGGTAC
1606	TCCAACCTACATTTGCGGAAGGAA	TTCCTTCCGCAAATGTAGGTTGGA
1607	GACGTACCGTCGTCCCGTGAGTTG	CAACTCACGGGACGACGGTACGTC
1608	GGCAATCCTACAACCGACGCTGAT	ATCAGCGTCGGTTGTAGGATTGCC
1609	GGCGGCTGCAGGGTCTACATCGAG	CTCGATGTAGACCCTGCAGCCGCC
1610	ATACTACGCTGCAGCTGCGCGGC	GCCCGCGCAGCTGCAGCGTAGTAT
1611	GGATCGCAATCCCTCCGATGACGA	TCGTCATCGGAGGGATTGCGATCC
1612	TGGCCTTGCACGGGAGCCGAATCT	AGATTCGGCTCCCGTGCAAGGCCA
1613	AGGTGCCGACGAAACGACGAATAT	ATATTCGTCGTTTCGTCGGCACCT
1614	GCTGTTTCACCGTCGTCGTTGTTG	CAACAACGACGACGGTGAAACAGC
1615	CGGTCCCAATGTTACAACCCAGAC	GTCTGGGTTGTAACATTGGGACCG
1616	GCAATTCCAGCCACTTTTGACCAA	TTGGTCAAAAGTGGCTGGAATTGC
1617	ACGGCGAAAGCTCGGTACGGATA	TATCCGTACCGAGCTTTCGCCCGT
1618	CGACCCGACTTTTGCTTTCGAGTG	CACTCGAAAGCAAAAGTCGGGTCG
1619	AATTCAGTGTTTGCGTCATGGTCG	CGACCATGACGCAAACACTGAATT
1620	CCTGTATGAGGTTCTGGGTCGGCT	AGCCGACCCAGAACCTCATACAGG
1621	TGGCATACTTGGTGCAAACGCCGT	ACGGCGTTTGCACCAAGTATGCCA
1622	TCGCCAGTACAGAAACATGCGGGC	GCCCGCATGTTTCTGTACTGGCGA
1623	CCCGCTGTTGCTCTCATCGTGGAG	CTCCACGATGAGAGCAACAGCGGG
1624	GCCACAATCTGACCCTGGGAATCA	TGATTCCCAGGGTCAGATTGTGGC
1625	GCTCAGTCTCGGAAGTTTCGGCTA	TAGCCGAAACTTCCGAGACTGAGC
1626	CTTCACGGGCCAACGACGGTCGAG	CTCGACCGTCGTTGGCCCGTGAAG
1627	CGACAGTTCCGTCCGTCTTGAGGA	TCCTCAAGACGGACGGAACTGTCG
1628	ACGGAGACGCAGTCGAAACGTCCC	GGGACGTTTCGACTGCGTCTCCGT
1629	CATGCATCCGATTAAGGGGATCAC	GTGATCCCCTTAATCGGATGCATG
1630	ATTGCGGGAGTCCCTAGCTTTCTG	CAGAAAGCTAGGGACTCCCGCAAT
1631	GTGTGGAAGATGCAATTGGAACGG	CCGTTCCAATTGCATCTTCCACAC
1632	ATACAACGGTAGGTGACAGGGGCG	CGCCCTGTCACCTACCGTTGTAT
1633	GCCGTGGGAGTAAGGGTACAAAGG	CCTTTGTACCCTTACTCCCACGGC
1634	GCACGTAGGTCGGCTACTACTCGG	CCGAGTAGTAGCCGACCTACGTGC
1635	ACTGTGATCTCTTGGGCAAAGGGC	GCCCTTTGCCCAAGAGATCACAGT
1636	CATGCCTGAACAATCTCGCATCCC	GGGATGCGAGATTGTTCAGGCATG

1637	GAGCCTGGCTCCACAGCTGTGCTC	GAGCACAGCTGTGGAGCCAGGCTC
1638	CTTTCGATACCATCGTTGGCGATC	GATCGCCAACGATGGTATCGAAAG
1639	CCCGGAGGTGAGGCATTGAATATG	CATATTCAATGCCTCACCTCCGGG
1640	CTCATTCAGCTAAAAGCGGCTGGA	TCCAGCCGCTTTTAGCTGAATGAG
1641	GAAATGCCCTGGGGACTTTTTGCC	GGCAAAAAGTCCCCAGGGCATTTC
1642	TTTGCCTTCACAACAGACGCAGCA	TGCTGCGTCTGTTGTGAAGGCAAA
1643	AAATCCCAAGACGTCGGGGCGTAT	ATACGCCCGACGTCTTGGGATTT
1644	CAACGGCGGTAGCTAAACCGTAA	TTACGGTTTAGCTACCGCCCGTTG
1645	GGCCAACGACAATGCGAAACCTTC	GAAGGTTTCGCATTGTCGTTGGCC
1646	GACATCACGCAAAATCTCAGCGCA	TGCGCTGAGATTTTGCGTGATGTC
1647	ACGTTCCGTCCACAACCGTATGTT	AACATACGGTTGTGGACGGAACGT
1648	GCTCATAGGTCTTCCGTAGCCCGT	ACGGGCTACGGAAGACCTATGAGC
1649	GAAACGAGTCTCTCGCGCCCTAGA	TCTAGGGCGCGAGAGACTCGTTTC
1650	CGGGACAGAAGCAAGTTACATCGG	CCGATGTAACTTGCTTCTGTCCCG
1651	TGACCGCTCGATACCAGGAGGGTG	CACCCTCCTGGTATCGAGCGGTCA
1652	CTGGCAATAAAGACCTTCCGACCA	TGGTCGGAAGGTCTTTATTGCCAG
1653	TGCGCGACGTCATGTTGGTGATTA	TAATCACCAACATGACGTCGCGCA
1654	GTTGGTTGTGGGAACACACCCGCT	AGCGGGTGTGTTCCCACAACCAAC
1655	TGTGGGTTCGGAAACACAGGAAGT	ACTTCCTGTGTTTCCGAACCCACA
1656	GGAAAAAACGGCAATTAGCCGAGT	ACTCGGCTAATTGCCGTTTTTTCC
1657	TGGTGCGGAGTGCCCTCTATTGGG	CCCAATAGAGGGCACTCCGCACCA
1658	AACCAACAGGCTGCAGCCCAGACT	AGTCTGGGCTGCAGCCTGTTGGTT
1659	AAACAGATCCATCTGCACGCCAGG	CCTGGCGTGCAGATGGATCTGTTT
1660	GGAATACCGCGGCGATTATGGCTT	AAGCCATAATCGCCGCGGTATTCC
1661	TACTGTTCGCGGCAAACCGTCACT	AGTGACGGTTTGCCGCGAACAGTA
1662	GATCTCTCGTGGAGCACGTTTTCC	GGAAAACGTGCTCCACGAGAGATC
1663	GGCATAGCAAACCTTGACCTCCAA	TTGGAGGTCAAGGTTTGCTATGCC
1664	ATCTGGGATTCGCGAGCCAATATC	GATATTGGCTCGCGAATCCCAGAT
1665	CGATCAGGATATCATTTACGCCCG	CGGCGTAAATGATATCCTGATCG
1666	ACGGTACCGAAACGGTCTCAGCGT	ACGCTGAGACCGTTTCGGTACCGT
1667	CTCCCATACCTGCGTTCTTACCGA	TCGGTAAGAACGCAGGTATGGGAG
1668	GCACGAGAACCTAATTGTCGCACA	TGTGCGACAATTAGGTTCTCGTGC
1669	GCCACACGATCAAGACAGCGCATG	CATGCGCTGTCTTGATCGTGTGGC
1670	CCCGTTAACTCACGAGCGGTCAAT	ATTGACCGCTCGTGAGTTAACGGG
1671	AGAGAAGGTCATTGCCTGTCGGTG	CACCGACAGGCAATGACCTTCTCT
1672	CGGGCCCTCTTAAAGTAGAGCAGG	CCTGCTCTACTTTAAGAGGGCCCG
1673	ACATCGCGTCCGAGGGAGTTAGCG	CGCTAACTCCCTCGGACGCGATGT
1674	AATGCCTAATCGAGCCAGCGGATC	GATCCGCTGGCTCGATTAGGCATT
1675	CTCGATCTTTTAAACCGGCGCTT	AAGCGCCGGTTTAAAAAGATCGAG
1676	CGTTCCTGGAAGGCAGGGTCTCAC	GTGAGACCCTGCCTTCCAGGAACG
1677	CCTGTGCTTACTATCGGCGATCCA	TGGATCGCCGATAGTAAGCACAGG

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1678	GTTAGTCGCCCTATTGGCCTGGTT	AACCAGGCCAATAGGGCGACTAAC
1679	CCGGTGAGATGACTGTAAATGCCA	TGGCATTTACAGTCATCTCACCGG
1680	CGTGGTTTAAAACATCGCGCTTCG	CGAAGCGCGATGTTTTAAACCACG
1681	TAAGACGCAGAAGATGGGGTCCAC	GTGGACCCCATCTTCTGCGTCTTA
1682	CACCACAGCTTCTTTGTTCGACCC	GGGTCGAACAAAGAAGCTGTGGTG
1683	TCGGGTCCGTACCACCACTTTTGC	GCAAAAGTGGTGGTACGGACCCGA
1684	CCAAGCCCCGAGTACCGAAGATTT	AAATCTTCGGTACTCGGGGCTTGG
1685	TCCGTGATATGGTCGTGGCGCGGT	ACCGCGCCACGACCATATCACGGA
1686	TGTCTGTGTCATGGCACCTCGCAT	ATGCGAGGTGCCATGACACAGACA
1687	AGGACTGCACTGTGCACGTCTGAT	ATCAGACGTGCACAGTGCAGTCCT
1688	CCATCCTCATGTACAGCGCCGCTG	CAGCGGCGCTGTACATGAGGATGG
1689	GTACCCGCGCCTTCCTCGACACAG	CTGTGTCGAGGAAGGCGCGGGTAC
1690	ACGGGTCCTGGTCGACTAAGGCTT	AAGCCTTAGTCGACCAGGACCCGT
1691	CGTATCGAAGGCGTGTACAACCGG	CCGGTTGTACACGCCTTCGATACG
1692	TGCCGCCCTTTATGCAACGCTCA	TGAGCGTTGCATAAAGGGCGGGCA
1693	AAACTTACGAGACGGCGGCTGCCA	TGGCAGCCGCCGTCTCGTAAGTTT
1694	AAGTCTGACAAACGGAACGGGTGT	ACACCCGTTCCGTTTGTCAGACTT
1695	TAAGCGCAGACCAAAGTATGCGGC	GCCGCATACTTTGGTCTGCGCTTA
1696	GCAGTTTTTCAGATCCTCCGCAAA	TTTGCGGAGGATCTGAAAAACTGC
1697	TCGGAAGCATTTACGCGATCTCAG	CTGAGATCGCGTAAATGCTTCCGA
1698	CACAGAAACGGTTGAACGAACGCC	GGCGTTCGTTCAACCGTTTCTGTG
1699	GCATGCTCAGATGGTCGTGCTCAC	GTGAGCACGACCATCTGAGCATGC
1700	AAGGATTCTCGCTTCCGGCATGAT	ATCATGCCGGAAGCGAGAATCCTT
1701	GGTGGGTAGCGCTGGTATGAAAA	TTTTCATACCAGCGCTACCCCACC
1702	ATTATTACGGGACCGAACCAACGG	CCGTTGGTTCGGTCCCGTAATAAT
1703	GCGCGAGTGTCATGATGTTCACGT	ACGTGAACATCATGACACTCGCGC
1704	GACATTCGTGACTTGGTCGTCCGC	GCGGACGACCAAGTCACGAATGTC
1705	TCATTAGTGCAGGCACCGATCAAG	CTTGATCGGTGCCTGCACTAATGA
1706	GAGTTGTGCGGAGTCATCGGAGTC	GACTCCGATGACTCCGCACAACTC
1707	GCCTTTACAGATTTGGCGGGCTAT	ATAGCCCGCCAAATCTGTAAAGGC
1708	ATGGCGTTTGCGAAGTCGATACAG	CTGTATCGACTTCGCAAACGCCAT
1709	TGCATCGGCCTCAATCAGAGAACT	AGTTCTCTGATTGAGGCCGATGCA
1710	ACAATCATGGCAATCTGGCAAATG	CATTTGCCAGATTGCCATGATTGT
1711	GACGTGGAAGAGTGCAGATCAGCA	TGCTGATCTGCACTCTTCCACGTC
1712	AGGGCAGGGGACGGACAGTAAGTC	GACTTACTGTCCGTCCCCTGCCCT
1713	GCATAGGGCGAATCTAGTACGGGC	GCCCGTACTAGATTCGCCCTATGC
1714	TCCGGCGCATCCTCATTAGCAACT	AGTTGCTAATGAGGATGCGCCGGA
1715	TGGCCGCTTCCACTAATATTGGAC	GTCCAATATTAGTGGAAGCGGCCA
1716	CCGGCGGACGGCTCTTGTCAATGA	TCATTGACAAGAGCCGTCCGCCGG
1717	CGAGCAACCCAAAAGGAAGCAGTA	TACTGCTTCCTTTTGGGTTGCTCG
1718	GCGTATGATTCGGCAATCCGCCAG	CTGGCGGATTGCCGAATCATACGC

1719	AGTACCGCTACAACGCTGGTTCGC	GCGAACCAGCGTTGTAGCGGTACT
1720	GGGCAGGCCAGGTCCACCTGAGAA	TTCTCAGGTGGACCTGGCCTGCCC
1721	CCACTTCTGTGACCGAACCGTGCT	AGCACGGTTCGGTCACAGAAGTGG
1722	CCTGGTACCAGGCAGCAGTTGATT	AATCAACTGCTGCCTGGTACCAGG
1723	TTAGGGTACCGTCGAGAGACGCCA	TGGCGTCTCTCGACGGTACCCTAA
1724	GGTTGCTTGTGCGCGTGAGGTAGT	ACTACCTCACGCGCACAAGCAACC
1725	TGCTTCGACCGATGAAACTCGAAG	CTTCGAGTTTCATCGGTCGAAGCA
1726	TGCCACCCATACTATGCCCAGTGG	CCACTGGGCATAGTATGGGTGGCA
1727	TGTGCGGCAACGCGTGAAGACGTT	AACGTCTTCACGCGTTGCCGCACA
1728	TGAGAGAAGCTGGCCTCGGATCAG	CTGATCCGAGGCCAGCTTCTCTCA
1729	TATTGCGAATTCGAGTACGTGCCC	GGGCACGTACTCGAATTCGCAATA
1730	CGAGAGGGGTTCCCCAGTGATCGA	TCGATCACTGGGGAACCCCTCTCG
1731	TGCCTGGGGTGTCGTTCTAATTCT	AGAATTAGAACGACACCCCAGGCA
1732	GTGCGTCATTGTGGGTCATCCCAA	TTGGGATGACCCACAATGACGCAC
1733	AGGGCTCCCAGCATACCAACGTTG	CAACGTTGGTATGCTGGGAGCCCT
1734	AACTAGCCGCACCTTTGTGCAGAG	CTCTGCACAAAGGTGCGGCTAGTT
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1736	CGGCCTCGGTTGTACGGGTAGTCT	AGACTACCCGTACAACCGAGGCCG
1737	TCTTTGAGGCGCGGACCCGCATAT	ATATGCGGGTCCGCGCCTCAAAGA
1738	GATGGTTCGCCCTTGTGTCGCAGC	GCTGCGACACAAGGGCGAACCATC
1739	GAGATTCAATACAGGCCGCGGGTC	GACCCGCGCCCTGTATTGAATCTC
1740	AGGGCGAAGGAAGGTTCCGTTTTT	AAAAACGGAACCTTCCTTCGCCCT
1741	CTCGACCCCTGCCACTACTGGTTC	GAACCAGTAGTGGCAGGGGTCGAG
1742	TGTTCCGCGGTCTACGCATTACTG	CAGTAATGCGTAGACCGCGGAACA
1743	GAGACGACGTCCTACACCCGCTAA	TTAGCGGGTGTAGGACGTCGTCTC
1744	AGATTGCGACAGCGACACGTGATT	AATCACGTGTCGCTGTCGCAATCT
1745	GATACCGTTGGGCATTTCTCGGTA	TACCGAGAAATGCCCAACGGTATC
1746	GATTGGGAGGCATTCAGCGACGGA	TCCGTCGCTGAATGCCTCCCAATC
1747	AGGAGGAAACGAGGGCGTAGGTTC	GAACCTACGCCCTCGTTTCCTCCT
1748	GCCAAACAACGTCTGACGCCTAGC	GCTAGGCGTCAGACGTTGTTTGGC
1749	TTTAATGCGGAAAGGATGCACGCG	CGCGTGCATCCTTTCCGCATTAAA
1750	TTATCGGCCGTTAAAATGGGATGG	CCATCCCATTTTAACGGCCGATAA
1751	CCTTGGATTCGTTCATCGCTAGCA	TGCTAGCGATGAACGAATCCAAGG
1752	AAGTGAACGTGCAGTGGTCTTCGA	TCGAAGACCACTGCACGTTCACTT
1753	TCCTTACCCCTCGTTCAAACGCCT	AGGCGTTTGAACGAGGGGTAAGGA
1754	ATTCCTGAACCATGCATGGCCTGT	ACAGGCCATGCATGGTTCAGGAAT
1755	AGCGAGACGCTCGATCACGAACTA	TAGTTCGTGATCGAGCGTCTCGCT
1756	GCTGGTCTGGCTCGCTGTTTAGAA	TTCTAAACAGCGAGCCAGACCAGC
1757	CGTGCGCGCATAAAGATAGGTCT	AGACCTATCTTTATGCCGCGCACG
1758	TCTGGCACTCACATCGGACAGTCT	AGACTGTCCGATGTGAGTGCCAGA
1759	ACCATTGGAGGACCACAGAGCTCC	GGAGCTCTGTGGTCCTCCAATGGT

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1760	TOCACCOTCCCACTACATCCCCCC	ICCCCCCATCTACTCCCACCCTCCA
	TCCAGGGTCGGAGTACATGCGGG	CCCGCCATGTACCACCCCTGGA
1761	ATATGCCGTCGGATCGTACACGCA	TGCGTGTACGATCCGACGGCATAT
1762	TGCTGGCGTCAACACTTCCCGATT	AATCGGGAAGTGTTGACGCCAGCA
1763	CAGGGCGGTGCGGTGAACTAGCCA	TGGCTAGTTCACCGCACCGCCCTG
1764	CATGGACTGCCGTACATCAGCTGG	CCAGCTGATGTACGGCAGTCCATG
1765	CCGGCCATACGCTGGCAAGATTAC	GTAATCTTGCCAGCGTATGGCCGG
1766	AGCGGACACCTGTACTCTCCTCCA	TGGAGGAGAGTACAGGTGTCCGCT
1767	GGAGCCACACCAGTCGAAGATGGT	ACCATCTTCGACTGGTGTGGCTCC
1768	CGCCACCGGAAATTGAAAAGACTG	CAGTCTTTCAATTTCCGGTGGCG
1769	TGAAACGGATGTTGCTTCTTGACG	CGTCAAGAAGCAACATCCGTTTCA
1770	TTGAAGCGGTGAAGAGCCTGTCCT	AGGACAGGCTCTTCACCGCTTCAA
1771	CGAACCAAGCTGCATTGTCAGTGG	CCACTGACAATGCAGCTTGGTTCG
1772	GAGTCTGCGCTTGCAATCTTTGCG	CGCAAAGATTGCAAGCGCAGACTC
1773	GCTGGGTATAGTTGCCTGGCAATG	CATTGCCAGGCAACTATACCCAGC
1774	GCAGGCGTTCCATATTCGCAACCC	GGGTTGCGAATATGGAACGCCTGC
1775	GCGCCAACTAATACCTCCACCGCG	CGCGGTGGAGGTATTAGTTGGCGC
1776	TGGCGTTCAGTGCAACGCTGGTTA	TAACCAGCGTTGCACTGAACGCCA
1777	CAAAACTGACGGGTATGGGAGCGC	GCGCTCCCATACCCGTCAGTTTTG
1778	AGGTGTCGCTGGAACCCGACTTGT	ACAAGTCGGGTTCCAGCGACACCT
1779	CTTCCAAAAGCGCAATTGGCTTTG	CAAAGCCAATTGCGCTTTTGGAAG
1780	TCGGGCTTCTCGCAATTCTGTCAG	CTGACAGAATTGCGAGAAGCCCGA
1781	GCCAAAAGAATGCGCTGGGTAGGT	ACCTACCCAGCGCATTCTTTTGGC
1782	TGGTGCCCGCACCGAGAGACTGTA	TACAGTCTCTCGGTGCGGGCACCA
1783	CGAGGCCGTAGTGGGGACTGCTCT	AGAGCAGTCCCCACTACGGCCTCG
1784	CGATCTGCGCATAGAGGGGACTTT	AAAGTCCCCTCTATGCGCAGATCG
1785	TGTGCAATCGGCCTTCTCAGAGCC	GGCTCTGAGAAGGCCGATTGCACA
1786	GATCACCTGGACCGCTACCGTTTT	AAAACGGTAGCGGTCCAGGTGATC
1787	ATGGGGAGTTAAGGACCCTGCACC	GGTGCAGGGTCCTTAACTCCCCAT
1788	CATTGTGGACAGCCAATGGTGGCT	AGCCACCATTGGCTGTCCACAATG
1789	CCATCACCATGCCACGGTAAGATC	GATCTTACCGTGGCATGGTGATGG
1790	GCACCCGTGTCGTTGGTTAGCAAG	CTTGCTAACCAACGACACGGGTGC
1791	GGAGTGGGTTCCGCGAATTCACTG	CAGTGAATTCGCGGAACCCACTCC
1792	GGGGATTTCCTTTCGCAGGCTCGA	TCGAGCCTGCGAAAGGAAATCCCC
1793	CATTGATCATGTGCACTTGCACCA	TGGTGCAAGTGCACATGATCAATG
1794	AGCAGCGCTGCGCTTGTTTCGGAT	ATCCGAAACAAGCGCAGCGCTGCT
1795	CGAGTAACGCGGTTGCTTTGCGAA	TTCGCAAAGCAACCGCGTTACTCG
1796	TGGCCTGGAACATAGGTGGAACTC	GAGTTCCACCTATGTTCCAGGCCA
1797	CGCACACCAAGCGTTTATTGAGAA	TTCTCAATAAACGCTTGGTGTGCG
1798	TCACCTTCACAGTGGGCATACAGC	GCTGTATGCCCACTGTGAAGGTGA
1799	CAAATATCCCTGAGCCCTCGAGCT	AGCTCGAGGGCTCAGGGATATTTG
1800	GGGAGCTGGTGAGCAGATGTAACG	CGTTACATCTGCTCACCAGCTCCC

1801	AGGATTGCTTTTGCGTTATGCGGA	TCCGCATAACGCAAAAGCAATCCT
1802	ATCGTTTGGGCGCTACGCAATTGT	ACAATTGCGTAGCGCCCAAACGAT
1803	CCGATTTGTCCCAAATGCAACGTT	AACGTTGCATTTGGGACAAATCGG
1804	AAGGGTCAAGCTCATGGAGCGGAA	TTCCGCTCCATGAGCTTGACCCTT
1805	TCTGACGTCGTTCAAGGGCTCGCT	AGCGAGCCCTTGAACGACGTCAGA
1806	CGCACCACTCCGAGGTATTTGTCT	AGACAAATACCTCGGAGTGGTGCG
1807	AAGGGGTGAAAAAGGAGAAGCCGA	TCGGCTTCTCCTTTTTCACCCCTT
1808	AAACCACGCAAATGGCGATACCAT	ATGGTATCGCCATTTGCGTGGTTT
1809	CAGAAGGGATGACGCCTTAAGTCG	CGACTTAAGGCGTCATCCCTTCTG
1810	CATGACGAGAGCGGACCTGAAGTG	CACTTCAGGTCCGCTCTCGTCATG
1811	CTGGACATGTTTGTTTCGCCACTG	CAGTGGCGAAACAACATGTCCAG
1812	AAGACCGACTCTCGTCGTTTGCAC	GTGCAAACGACGAGAGTCGGTCTT
1813	GCGCGATTACATACCGTTTCCGTA	TACGGAAACGGTATGTAATCGCGC
1814	CACTGACCGGACCCAACCTAACAT	ATGTTAGGTTGGGTCCGGTCAGTG
1815	AGTGCAAGTCTAGACACGCCCGAG	CTCGGGCGTGTCTAGACTTGCACT
1816	GGTTGGTGCGAGATCCTGGACTGT	ACAGTCCAGGATCTCGCACCAACC
1817	GGTCGTCCCGAAACGTAAACGAGG	CCTCGTTTACGTTTCGGGACGACC
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1819	CCGACCTGACCCTGTGTACAGGTT	AACCTGTACACAGGGTCAGGTCGG
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1821	CGAGGAAACACATTTCTTCGGGCC	GGCCCGAAGAAATGTGTTTCCTCG
1822	TGGCACCGGGTGGATTCTTGTCTA	TAGACAAGAATCCACCCGGTGCCA
1823	GAGGCACGGTGATAGTGGTTGTGC	GCACAACCACTATCACCGTGCCTC
1824	ATGCAGATGGATCTTTTCGACGC	GCGTCGAAAAAGATCCATCTGCAT
1825	TGCGATAGCCAAAGAGTCGAGGAC	GTCCTCGACTCTTTGGCTATCGCA
1826	ATGGCGTGTCAGCGAACTGCCTGG	CCAGGCAGTTCGCTGACACGCCAT
1827	CAATGCAGCTCGGAAGTCAGGTCG	CGACCTGACTTCCGAGCTGCATTG
1828	AGGATCAGTGCACATGTCCCCTCA	TGAGGGGACATGTGCACTGATCCT
1829	CACATCTTGGCTGTCACCCGAGAA	TTCTCGGGTGACAGCCAAGATGTG
1830	CGCATTATCACCTCAATGCCAGTG	CACTGGCATTGAGGTGATAATGCG
1831	ACATCCGCAGACTCCCTATAGCCC	GGGCTATAGGGAGTCTGCGGATGT
1832	GTGAACCCGAACGAGGGGAGTCTC	GAGACTCCCCTCGTTCGGGTTCAC
1833	GCGTAGGGAATTTGCCTCACGACT	AGTCGTGAGGCAAATTCCCTACGC
1834	TTTACGCGTCGCTCGGTTGTAGTG	CACTACAACCGAGCGACGCGTAAA
1835	GAGAGGCGTCTAGGCGGTTCTAGC	GCTAGAACCGCCTAGACGCCTCTC
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1837	CTGAAGCTCGTGTGCGATGAGGGA	TCCCTCATCGCACACGAGCTTCAG
1838	ACAACGGCATGAGGAGGCTTTTTC	GAAAAAGCCTCCTCATGCCGTTGT
1839	TTTGGAGACGCCAGTACGCGTGGT	ACCACGCGTACTGGCGTCTCCAAA
1840	GCTATCATTTGGTGTAAGCCCGCC	GGCGGGCTTACACCAAATGATAGC
1841	TCAACATCCAGGGCGGTGCTTGGT	ACCAAGCACCGCCCTGGATGTTGA

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1842	TTCGATGTAATCCCCAAAGATGCC	GGCATCTTTGGGGATTACATCGAA
1843	GGACCTTCGGCAGGTTATCGCCGT	ACGGCGATAACCTGCCGAAGGTCC
1844	AGTAAGAAGAGGCAGGCCCACCT	AGGTGGGGCCTGCCTCTTCTTACT
1845	AACGGCTCCCCGTCGTACTGCTTA	TAAGCAGTACGACGGGGAGCCGTT
1846	CCTATACCGTCGTGGTTCCACGTT	AACGTGGAACCACGACGGTATAGG
1847	CCGCGCAGGCGCTAATACTCAAGG	CCTTGAGTATTAGCGCCTGCGCGG
1848	AAATGGGCCAGTGAAATCCTTGGT	ACCAAGGATTTCACTGGCCCATTT
1849	ACGGTTTCGAATACTGCTGGGCAG	CTGCCCAGCAGTATTCGAAACCGT
1850	CCGCTTGAGGTTCAGGTCAGAGCT	AGCTCTGACCTGAACCTCAAGCGG
1851	ATCGTGCCCGAAGACACTTAAACG	CGTTTAAGTGTCTTCGGGCACGAT
1852	ACCTGAACCAGGGCGATTGCTTTA	TAAAGCAATCGCCCTGGTTCAGGT
1853	ACCCTATACGCTGGGCTAAGCGGG	CCCGCTTAGCCCAGCGTATAGGGT
1854	TGTTTCGCGACTAGAAGCCTTTGC	GCAAAGGCTTCTAGTCGCGAAACA
1855	GAAGTTGGCGGCTCACCCGTATTA	TAATACGGGTGAGCCGCCAACTTC
1856	TGGCTACACCGCTTAGGAGGAACC	GGTTCCTCCTAAGCGGTGTAGCCA
1857	CCACAGTTGCGTGACTTACATCGC	GCGATGTAAGTCACGCAACTGTGG
1858	ACTGCCACTGCGTCTGAAGAGTGG	CCACTCTTCAGACGCAGTGGCAGT
1859	GCGCCAGCAAATTTCGTGTGGTGT	ACACCACACGAAATTTGCTGGCGC
1860	TGCCTCCGTCGAGCCGAATAGCCA	TGGCTATTCGGCTCGACGGAGGCA
1861	GTACAAACGGGCGCTATTTCGTCC	GGACGAAATAGCGCCCGTTTGTAC
1862	GCTTCCCTGGCTCTGAACGGAAAC	GTTTCCGTTCAGAGCCAGGGAAGC
1863	CGGCTACCCAGGCAGATAAGCTGA	TCAGCTTATCTGCCTGGGTAGCCG
1864	GGTTGGACCCGACAGGGAATTTCC	GGAAATTCCCTGTCGGGTCCAACC
1865	GGGGAATACCCGGCGTTTGTAATA	TATTACAAACGCCGGGTATTCCCC
1866	TGGTTCGGTGAGGTTATGTTCGGT	ACCGAACATAACCTCACCGAACCA
1867	TCGGTAGGGTTCAGTCGCTGAGGA	TCCTCAGCGACTGAACCCTACCGA
1868	TTCGGAGTGTGCCGGTGCTAGTAC	GTACTAGCACCGGCACACTCCGAA
1869	TCGTACTGGAATGATGGCCGGGCC	GGCCCGGCCATCATTCCAGTACGA
1870	TCCGTCGACCGTCCAGCGAAGTTT	AAACTTCGCTGGACGGTCGACGGA
1871	AGGGAATATAACAACACCGCGCAC	GTGCGCGGTGTTGTTATATTCCCT
1872	ATGTCCCGGAAACCAGCTACCTCA	TGAGGTAGCTGGTTTCCGGGACAT
1873	ACCAGCGACTTAGATAGCCGTCCG	CGGACGGCTATCTAAGTCGCTGGT
1874	GGAAAACCTCCTTTGCGTCAACCA	TGGTTGACGCAAAGGAGGTTTTCC
1875	ACGTGCGTGCATACCCAAGAGGAC	GTCCTCTTGGGTATGCACGCACGT
1876	ACGCCACTTTCCCTAGAACCAACG	CGTTGGTTCTAGGGAAAGTGGCGT
1877	CGAAGTACGCAATAGTGCCACCCT	AGGGTGGCACTATTGCGTACTTCG
1878	GATCCCGGCGGATCACCTATCAAT	ATTGATAGGTGATCCGCCGGGATC
1879	AGAAAGCGACCGTTTCAGGCTAGC	GCTAGCCTGAAACGGTCGCTTTCT
1880	CGCTCCCTTTCATAGTCCTCTCCG	CGGAGAGGACTATGAAAGGGAGCG
1881	GTGGGTGGTCATAACGACAGCAGA	TCTGCTGTCGTTATGACCACCCAC
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	1883	CACCATGAGTTTCGGAGCGAGGAT	ATCCTCGCTCCGAAACTCATGGTG
	1884	CAAGCTGCGTTCGATGAGAGATTG	CAATCTCTCATCGAACGCAGCTTG
	1885	CCTGGGAGCAATGACCGCTCTGGT	ACCAGAGCGGTCATTGCTCCCAGG
	1886	TCCGGCGCTCTACCAAGATGAGAC	GTCTCATCTTGGTAGAGCGCCGGA
5	1887	CGACCGCGTCGCGTATACTATCCG	CGGATAGTATACGCGACGCGGTCG
	1888	AACATTCGCTAGTGGGGTCCAACA	TGTTGGACCCCACTAGCGAATGTT
	1889	TGTATGATCATCCGACCGAGCAGC	GCTGCTCGGTCGGATGATCATACA
	1890	AGTGCGCCGAGAGGGTGAATAGAC	GTCTATTCACCCTCTCGGCGCACT
	1891	AGGCTTGTTCTGGACCAGCACCAT	ATGGTGCTGGTCCAGAACAAGCCT
10	1892	GGGGCCACATAAAGAATTCCGAAC	GTTCGGAATTCTTTATGTGGCCCC
	1893	TGGTGAAGATAAATCCGCATGGCA	TGCCATGCGGATTTATCTTCACCA
	1894	ATTTCCACCACGCTCTTGCCAAAT	ATTTGGCAAGAGCGTGGTGGAAAT
	1895	CGCGTAAAGCTGTCACCGATGACC	GGTCATCGGTGACAGCTTTACGCG
	1896	TCCCCAACCGGTAACAACAGCGAC	GTCGCTGTTGTTACCGGTTGGGGA
15	1897	CCTCTGCTCGCCTTACACCCATGG	CCATGGGTGTAAGGCGAGCAGAGG
en Printes Printes una Printes una	1898	CAAGCTGCTCCTGTGCTGAAGGGC	GCCCTTCAGCACAGGAGCAGCTTG
E E Sen. LE E	1899	AAACGAACGATGGTCGGTAGACCG	CGGTCTACCGACCATCGTTCGTTT
2 2 2	1900	TCAGTTCGATGGCTATTGCGCCTC	GAGGCGCAATAGCCATCGAACTGA
Control of the contro	1901	GGCTCTCAACGGACGCAAATCATA	TATGATTTGCGTCCGTTGAGAGCC
2 9 -	1902	AGTAGAGTGTTGCGGCTGCCGATC	GATCGGCAGCCGCAACACTCTACT
ege end ege	1903	AGACACTAGACCGCCGTGACCTGA	TCAGGTCACGGCGGTCTAGTGTCT
1 1 1	1904	ACCGAGCACCGAATTTCCTTGTCC	GGACAAGGAAATTCGGTGCTCGGT
energy Lange	1905	CCGTGGCCAAGATACGAACGAATT	AATTCGTTCGTATCTTGGCCACGG
Section 10.00 se	1906	CCTCCTACAGCATCCACATGAGGG	CCCTCATGTGGATGCTGTAGGAGG
25	1907	CACTCGGCAAATACGTATGCGCAT	ATGCGCATACGTATTTGCCGAGTG
	1908	ACCGAGTTGAAGCACGAATTTGGG	CCCAAATTCGTGCTTCAACTCGGT
	1909	GACCACCTCGGAAGATCGTTCTGC	GCAGAACGATCTTCCGAGGTGGTC
*	1910	TCAACTGGGCAAACGAAGAGCACA	TGTGCTCTTCGTTTGCCCAGTTGA
	1911	GCTTAGCCTCACACGTGCATACCA	TGGTATGCACGTGTGAGGCTAAGC
30	1912	CTGCGGTCTCCAAGTACCATTTCG	CGAAATGGTACTTGGAGACCGCAG
	1913	GTTCCGTATTACGGCGGCCATAAG	CTTATGGCCGCCGTAATACGGAAC
	1914	ATCGACGCAACCGGATAGTCTCTG	CAGAGACTATCCGGTTGCGTCGAT
	1915	CGCAGATAAACCGGCATCTTTCAG	CTGAAAGATGCCGGTTTATCTGCG
	1916	ACCTGCCAATACGGGTCTACGGTT	AACCGTAGACCCGTATTGGCAGGT
35	1917	ACACCTGTTGCCATGCTGATCCGT	ACGGATCAGCATGGCAACAGGTGT
	1918	AAACTGTCTACTGCGCAATTCCGC	GCGGAATTGCGCAGTAGACAGTTT
	1919	GCAACTAGCCCGTGCTAGGATCGT	ACGATCCTAGCACGGGCTAGTTGC
	1920	TCGTAGTGGTGGATTGTTGTGCGT	ACGCACAACAATCCACCACTACGA
	1921	GGCTTACTCCTCAATTGCGACACG	CGTGTCGCAATTGAGGAGTAAGCC
40	1922	CACGACTCCCTGCCAGATTTGATT	AATCAAATCTGGCAGGGAGTCGTG
	1923	CTTAGACGTCGGCAATGTCACGTC	GACGTGACATTGCCGACGTCTAAG

	1924	CTCAGAGCACAATCTGCCCTGCCT	AGGCAGGCAGATTGTGCTCTGAG
	1925	GCTAGGAAAGTCGGCATTCATGGG	CCCATGAATGCCGACTTTCCTAGC
	1926	AAAGCCCCAAAATTCCGCCTAACC	GGTTAGGCGGAATTTTGGGGCTTT
	1927	GCGCAACGCTAAGGGACTATCAAG	CTTGATAGTCCCTTAGCGTTGCGC
5	1928	CGTCCGCTGGGATGAGTCTCCTGC	GCAGGAGACTCATCCCAGCGGACG
	1929	ACAGGCCTCGTGATTGGTGTGGGT	ACCCACACCAATCACGAGGCCTGT
	1930	CATTCTCCTTCCGGGACCACGCCT	AGGCGTGGTCCCGGAAGGAGAATG
	1931	TCGGAGTTGACCAAGCTCAGTGCG	CGCACTGAGCTTGGTCAACTCCGA
	1932	ACGCGCCACTGCAATTGCAAACAC	GTGTTTGCAATTGCAGTGGCGCGT
10	1933	AGTTCATGGAGCCGGCGTATTGTT	AACAATACGCCGGCTCCATGAACT
	1934	ACGTTTAATGCGGGGCCCGCCTAC	GTAGGCGGGCCCCGCATTAAACGT
	1935	TGAGGCTTTAGCCTACGCGCAGGT	ACCTGCGCGTAGGCTAAAGCCTCA
	1936	CAGCGTTATGAGCGCGGAGTTTAT	ATAAACTCCGCGCTCATAACGCTG
	1937	GTCCACGTGACCACGGATAGTTGG	CCAACTATCCGTGGTCACGTGGAC
15	1938	GATTATGCTCCTACGCCTGCTCCG	CGGAGCAGGCGTAGGAGCATAATC
parama.	1939	TCGTCAAGGGCATGATGTGTGGGA	TCCCACACATCATGCCCTTGACGA
e despe	1940	GATGGACCGCCAAAGACACCTTGA	TCAAGGTGTCTTTGGCGGTCCATC
	1941	TACACGAGGATGGGGTCAAGCTTT	AAAGCTTGACCCCATCCTCGTGTA
20 20	1942	ACACGCACAAAACGTTTGAAAGGC	GCCTTTCAAACGTTTTGTGCGTGT
20	1943	GTTATCGTGGGCCGATGGTACTGA	TCAGTACCATCGGCCCACGATAAC
	1944	ACATGACCGTATCCGCCTGCTTCG	CGAAGCAGGCGGATACGGTCATGT
2 FF	1945	GAAGGCGAACCACTGAAACTACGC	GCGTAGTTTCAGTGGTTCGCCTTC
	1946	TGACTTTTGCAACGGGTGGAACCA	TGGTTCCACCCGTTGCAAAAGTCA
and the second s	1947	TGAATTCGTAGGTTTTTGGGTGCGG	CCGCACCCAAAACCTACGAATTCA
25	1948	AGCATTTATGAAGCGGCCATTGCG	CGCAATGGCCGCTTCATAAATGCT
100 mg / 100	1949	TGCTCCTCGCGTTGGTACCGTGAG	CTCACGGTACCAACGCGAGGAGCA
12000	1950	CGCAGCAAGAAACAGCAACTGTTG	CAACAGTTGCTGTTTCTTGCTGCG
invento.	1951	AGACGCTTGGAGTGAAAACTCGGA	TCCGAGTTTTCACTCCAAGCGTCT
	1952	CATTCGTAGAATGCCCCAAATGGA	TCCATTTGGGGCATTCTACGAATG
30	1953	CCAGAAGGTTCGGGACCCGTCGTG	CACGACGGGTCCCGAACCTTCTGG
	1954	GAGAAGCCGGTTCTCAGAGCACAT	ATGTGCTCTGAGAACCGGCTTCTC
	1955	TTGCGTTGCAAGATATCTGGCCCG	CGGGCCAGATATCTTGCAACGCAA
	1956	GGGTTGCATGTTCAGGCAAGACGA	TCGTCTTGCCTGAACATGCAACCC
	1957	CTCACGAAGGTGACATATCACGCC	GGCGTGATATGTCACCTTCGTGAG
35	1958	GCCCGAGATACGGGTTCAAAAAGA	TCTTTTTGAACCCGTATCTCGGGC
	1959	CATCTTCGCGCTTCTTCACTCCGC	GCGGAGTGAAGAGCGCGAAGATG
	1960	TTACACGGTAAGCGTACGGCCGCC	GGCGGCCGTACGCTTACCGTGTAA
	1961	ACCTTCGGACAATGTGGCGTTCGC	GCGAACGCCACATTGTCCGAAGGT
	1962	TGAATGGTTCTGCTAGGCCCACAC	GTGTGGGCCTAGCAGAACCATTCA
40	1963	CACGCCTGTCTGACATATGGATGC	GCATCCATATGTCAGACAGGCGTG
	1964	CGCCTCAACCCAATCTGAGAACGT	ACGTTCTCAGATTGGGTTGAGGCG

	1965	TTACGCTTACTGCGAGCTGGGTCC	GGACCCAGCTCGCAGTAAGCGTAA
	1966	GGCTTGTGGGGCAATACGCATCTT	AAGATGCGTATTGCCCCACAAGCC
	1967	CACTCTCCTTTGGATGCGGAACAA	TTGTTCCGCATCCAAAGGAGAGTG
	1968	GACCAGCCATCACGTAACGGCCCT	AGGGCCGTTACGTGATGGCTGGTC
5	1969	AGGAACCGGATGTGGTTATGGAGC	GCTCCATAACCACATCCGGTTCCT
	1970	ATCCATGGGCAACTGAGCCTATGC	GCATAGGCTCAGTTGCCCATGGAT
	1971	GGAACAGCACTTGTTACCGCCCAC	GTGGGCGGTAACAAGTGCTGTTCC
	1972	TGGCTCGCTTCAAGCCTGTTTGCT	AGCAAACAGGCTTGAAGCGAGCCA
	1973	CAAACGTGAGGTCATGACCACCAT	ATGGTGGTCATGACCTCACGTTTG
10	1974	ACCGATGTCTTGAAGTCCGGAGGT	ACCTCCGGACTTCAAGACATCGGT
	1975	CGAAAATGCATGATGATCTCCCCT	AGGGGAGATCATCATGCATTTTCG
	1976	TTTGGTATTCTCGCTGCACCGTTG	CAACGGTGCAGCGAGAATACCAAA
	1977	GCGTACTCAACCACATTCCCGACC	GGTCGGGAATGTGGTTGAGTACGC
	1978	AGCAAACAACAGCGGTCCGAGCAT	ATGCTCGGACCGCTGTTGTTTGCT
15	1979	GGACTAGGAGCGGGGATAGCTGAG	CTCAGCTATCCCCGCTCCTAGTCC
	1980	CCTTAACGAAAACCTGTCGACCGC	GCGGTCGACAGGTTTTCGTTAAGG
against again against against against against against against against against	1981	CTCGATCGCATAAGCAAGAAACCG	CGGTTTCTTGCTTATGCGATCGAG
	1982	CCCGTTGTTTGGGCGACAAAAGT	ACTITITGTCGCCCAAACAACGGG
The Control of the Co	1983	CGGCGCTCTCGCATGATCTCGTT	AACGAGATCATGCGAGAGCCGCCG
20	1984	CGGATGGAGAGGAGTCTACGTCCC	GGGACGTAGACTCCTCTCCATCCG
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1985	CAGAACAATATCGTGCGTCAACCG	CGGTTGACGCACGATATTGTTCTG
	1986	CCTTTGCGCGCTCCGAGTAAGGTA	TACCTTACTCGGAGCGCGCAAAGG
#	1987	GGAAACGGCACCTATCTGTCGTGA	TCACGACAGATAGGTGCCGTTTCC
AND STORM AND	1988	CGACCGACAAAACCAAATGCCGCC	GGCGGCATTTGGTTTTGTCGGTCG
25	1989	CCAAGGGTGTGGGAGCTGAAGAGA	TCTCTTCAGCTCCCACACCCTTGG
No houses	1990	TTAAGTGCGCATAGTCCTCGTGGG	CCCACGAGGACTATGCGCACTTAA
	1991	GCCTGGTGGGGTAAGTCATGATGC	GCATCATGACTTACCCCACCAGGC
	1992	GAGCAGCAGATTGATGCGCTTATG	CATAAGCGCATCAATCTGCTGCTC
	1993	TGCGCCAACTTCCGGAATATTTGC	GCAAATATTCCGGAAGTTGGCGCA
30	1994	AACCCCATCATGAAATGCTCTCCG	CGGAGAGCATTTCATGATGGGGTT
	1995	GTCCAACGGTACTGGCGTGATGTT	AACATCACGCCAGTACCGTTGGAC
	1996	ACTCGGCTGATCGTGAGATGGTGA	TCACCATCTCACGATCAGCCGAGT
1	1997	ATTCGTGGGCGCATCTCGGAATGT	ACATTCCGAGATGCGCCCACGAAT
	1998	TCCCGTCCTGTAATCCAGGGAACA	TGTTCCCTGGATTACAGGACGGGA
35	1999	CTTCGCTGCACCTACATTGCGCCA	TGGCGCAATGTAGGTGCAGCGAAG
	2000	GCGTGTAGATGACTGTGCTTTGGG	CCCAAAGCACAGTCATCTACACGC
	2001	CTATGGTATCGAGACATCGGCGGA	TCCGCCGATGTCTCGATACCATAG
	2002	CCTCGTACTCCGTCGTATGCACAA	TTGTGCATACGACGAGTACGAGG
	2003	TGGTGCGTCCGTAGTGCCTGCACT	AGTGCAGGCACTACGGACGCACCA
40	2004	CGCGATCCTAGTTGAAAGCTTTGC	GCAAAGCTTTCAACTAGGATCGCG
L	2005	ACGATCCAGGTGTTGGGCACTAAG	CTTAGTGCCCAACACCTGGATCGT

	2006	CCAA
	2007	GATA
	2008	CATG
	2009	ACACT
5	2010	CTCAC
	2011	TCCCA
	2012	AATCA
	2013	CTTAA
	2014	CTACC
10	2015	TTATT
	2016	TTAAG
	2017	TTTGA
	2018	TCATG
	2019	СТССС
15	2020	CTGTT
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A STATE OF THE STA	2022	CGGAT
To the second se	2023	AGGTT
para Salah	2024	GGGA/
20	2025	ACTTA
Services	2026	TGCGG
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H	2028	GCAGG
promotion of the control of the cont	2029	GCGGC
25	2030	TCCCC
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SUMPRISON AND ADDRESS OF THE PROPERTY OF THE P	2032	GGCGT
indulte Endulte	2033	GGTAA
	2034	ACTTC
30	2035	CCGAA
	2036	GGACC
	2037	ACCCG
	2038	CACGT
	2039	CCTCG
35	2040	GGACG
	2041	CTCGA
	2042	TTTACT
	2043	ACCAC
	2044	TGGTTA
40	2045	TTATGG
	2046	ACCGC

2006	CCAATCTAGGATACACCACGCCCG	CGGGCGTGGTGTATCCTAGATTGG
2007	GATACGTGGGGTATAGGCGGGCCC	GGGCCGCCTATACCCCACGTATC
2008	CATGGAACAAACCGTCGTAGGGGA	TCCCCTACGACGGTTTGTTCCATG
2009	ACACTCGCGCAGTATTCGAGTCGT	ACGACTCGAATACTGCGCGAGTGT
2010	CTCAGTCTCGAAGGTGATCCGACC	GGTCGGATCACCTTCGAGACTGAG
2011	TCCCAATCCCCGTGGTATCGTCGT	ACGACGATACCACGGGGATTGGGA
2012	AATCAACGTAGTTCCGGTGGTCCG	CGGACCACCGGAACTACGTTGATT
2013	CTTAACAACCCAGGGGTTTGGGCT	AGCCCAAACCCCTGGGTTGTTAAG
2014	CTACCGCTGCATGGCGTTAGATTG	CAATCTAACGCCATGCAGCGGTAG
2015	TTATTGGTGGCGGACGGAGTGAGT	ACTCACTCCGTCCGCCACCAATAA
2016	TTAAGGGTGAACTCAACCGCGTGA	TCACGCGGTTGAGTTCACCCTTAA
2017	TTTGATTGAAACGCTGCGCACTAC	GTAGTGCGCAGCGTTTCAATCAAA
2018	TCATGTGTAGGTCGCGGCCGTCAC	GTGACGCCGCGACCTACACATGA
2019	CTCCGAACCTTCTGGGCCTCTTTT	AAAAGAGGCCCAGAAGGTTCGGAG
2020	CTGTTGCCCATTGGCCCGACACTC	GAGTGTCGGGCCAATGGGCAACAG
2021	CACGATCGCTGAGCAACACATCAC	GTGATGTGTTGCTCAGCGATCGTG
2022	CGGATCATAAGCGTCCGCCTTCGT	ACGAAGGCGGACGCTTATGATCCG
2023	AGGTTAACGCAACATGTGATCCGC	GCGGATCACATGTTGCGTTAACCT
2024	GGGAAAAACAGCTAAGCCTTGCGA	TCGCAAGGCTTAGCTGTTTTTCCC
2025	ACTTATTGCCGGGATCCGTACACA	TGTGTACGGATCCCGGCAATAAGT
2026	TGCGGTCTGGAAAGGAAGGGAGGG	CCCTCCCTTCCTTTCCAGACCGCA
2027	GCTGCCACCTGGACATCGCATACA	TGTATGCGATGTCCAGGTGGCAGC
2028	GCAGGCATGACAGTGGCGTAGTAC	GTACTACGCCACTGTCATGCCTGC
2029	GCGGCCCTGATGGTTTGGCTGAGC	GCTCAGCCAAACCATCAGGGCCGC
2030	TCCCCATTTAGTCCCCTCCATCAC	GTGATGGAGGGACTAAATGGGGA
2031	GCAACACAAATGCGAGCGTAGGAG	CTCCTACGCTCGCATTTGTGTTGC
2032	GGCGTTTGTATTCGAGCCACGTAG	CTACGTGGCTCGAATACAAACGCC
2033	GGTAACGTCGCACGTGGAATTCCG	CGGAATTCCACGTGCGACGTTACC
2034	ACTTCACAACGCTCCGTTGGACAC	GTGTCCAACGGAGCGTTGTGAAGT
2035	CCGAATTATAAAGCGCAAGGCACA	TGTGCCTTGCGCTTTATAATTCGG
2036	GGACCCGATAAGACTCTGACGCCG	CGGCGTCAGAGTCTTATCGGGTCC
2037	ACCCGTTTCTCGTAGGAACCTGCT	AGCAGGTTCCTACGAGAAACGGGT
2038	CACGTTCGACTGTATCTGGTTGCC	GGCAACCAGATACAGTCGAACGTG
2039	CCTCGGATGGGCCCATGACCTTGA	TCAAGGTCATGGGCCCATCCGAGG
2040	GGACGCCTGCTGTAGGGGTTTGAT	ATCAAACCCCTACAGCAGGCGTCC
2041	CTCGAGCGTGGGCTAAAAGAGCAT	ATGCTCTTTTAGCCCACGCTCGAG
2042	TTTACTTCTTAGGGCGCGTTTGGG	CCCAAACGCGCCCTAAGAAGTAAA
2043	ACCACCAACATAGCGCGCACTAGT	ACTAGTGCGCGCTATGTTGGTGGT
2044	TGGTTACACGGCAGCCCGCGTAAG	CTTACGCGGGCTGCCGTGTAACCA
2045	TTATGGTACGTTGCTGCGGG	CCCGCACGCAGCAACGTACCATAA
2046	ACCGCGGATCTAACGAATCCCATT	AATGGGATTCGTTAGATCCGCGGT

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2048 TACCGCTTCAAAGGGTTGCCGAAT 2049 GCACGGGTCAATATTACCGAGGA 2050 GTGTCGCGGCATTATTACCGAGGA 2051 GCACGGCGTTCAAGAAGAAGAACA 2051 GCAAGCCATTACGACGAAAAAACTCG 2051 GCAAGCCATACCGCAATAAACTCG 2052 ATGAGGTCGTGCGTTCACGAG 2053 CGAGACTAGTGCCGATCACGAG 2054 GCCTCATCATGAGCCGATGCAGGGTA 2055 CAGACTAGTGCCGATGCAGGGTA 2056 GCACGCCTCATCAGGAGTCACGAGCCTCAT 2057 GACAGGCCTCATACAGAGCCTGAGATCCA 2058 GCACAGCCTCATCAGAGCCTGAGACCCAGCCTCAT 2059 GACAGGCATCCTTCCCTGTCGCCAC 2050 GCTACGAAACGTACCACTGCAGCCAC 2050 TTTGGCAGAACGTACCACTGCGCAC 2051 TTTGGCAGAACGTACCACTGGGGTA 2052 GCACAGAACGTACCACTGGGGTA 2053 GCACAGAACGTACCACTGGGGTA 2054 GCCTCATCATAGACCCTGCACAC 2055 GACAGGCATCCTCCCTGTCGCCAC 2056 GCTACGAAACGTACCACTGGGGTA 2057 TTTGGCAGAACGTACCACTGGGGTA 2058 GGACAATAAGCACCGGAGAATCCC 2059 TCATGAAACCTTCTAAGACCCGCGAA 2050 CGCCGCATTACCTTAAAAACCGTC 2050 TCATGAACCTTCTAAAAACCGTC 2050 CCGCCACTTACCTTAAAAACCGTC 2050 CCGCCACTTACCTTAAAAACCGTC 2051 ACGAGTCCAACACCCCCCTCATTGATT AACCAATCAGAGCACGCTCATTCATT AACCAACCAGCCCCCCTCATTGATT AACCAACAGAGAACGATCCGCCCCACTTCACCC 2050 CGCAAGAACTTTTTCCTCCCC 2050 CGCAAGAGATTGCTACTCTTCCGCC 2051 CACCGAACAACTCTTTTCCGCC 2052 CGCAAGAACTTGCACCCCGCTCACAGACCGC 2054 AATCCTTGTGCCACCCGCTCACAGACCGC 2056 AACCTATACACACCCCGCAACAA 2056 AACCTATACCATCACACCCCAGAAC 2056 AACCTATAGCACCACCACACACAC 2057 CTCTATGGCCCGTTGCACCCGCTCACACACCCCGGTGCACACAGATC 2056 AACCTATACACACCCCAGAACAA 2057 CTCTATGGCCGTTTGCA 2058 AGTGCACCGGGTTGTGCA 2059 CTCTCATGGCCACCACACAAAAAAACACCCCGGTTCACAACCCCGGTTCACACCCCGGTGCACCACCACCACCACCACCACCACCACCACCACCACCAC	2047	CATGATCCCGCCCTTAGGTTAAGC	GCTTAACCTAAGGGCGGGATCATG
GTGTCGCGCTTTACAGAAGGAGA 2051 GCAAGCCATACCGCAATAAACTCG 2052 ATGAGGTCGTCTCGCGTTCACGAG 2053 CGAGACTAGTGCCGATGCAGGGTA 2054 GCCTCATCATGAGACGCTGCATCACGAG 2055 CGAGACTAGTGCCGATGCAGGGTA 2056 GCCTCATCATGAGACGCTCGATGCAGGGTA 2057 TAGAGGTCGTGCGTTCACGAG 2058 GCACAGACTAGTCCCATGCTCAAG 2059 GCTACGAAACAGCTCCAAG 2059 TAGAGACCTTCCATGCCAC 2059 TAGAGACCTTCCCTTCCCCAC 2059 TAGAGACCTTCTCAGAG 2059 TAGAGACCTTCTGAGAGGTA 2059 TAGAGACCTTCTGAGAGGTA 2060 CGCCCATTACTCTGATGCCGCAC 2061 ACGAGCTTCTCTGATGCCGCAA 2062 GCGAAACATCTTCTCATGCCGCAA 2063 CGCCGCATTACCTTCAAAAACCGTC 2064 ACGAGCTCCACCGCGAAA 2065 CGCCGCATTACCTTTAAAAACCGAC 2065 CGCGCATTACCTTTAAAAACCGAC 2066 CAGAGAGTCCACCCGCTCATTGATT 2062 GCGAAGAGTTCTCTCTCCGCC 2063 CGTCGGCAACAATCTTTTCGGCC 2064 AATCCTGTGCACCCGGAGACGC 2065 AACCTATATGCACCACCCGGAACCCCGCACCCCCGCTCATCGCC 2066 GAACTATGCACCCCGGAACCCCCGCACCCCCCCCCCCCC	2048	TACCGCTTCAAAGGGTTGCCGAAT	ATTCGGCAACCCTTTGAAGCGGTA
2051 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2052 ATGAGGTCGTCGCTCACGAG CTCGTGAACGACGACCACACACCTCAT 2053 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2054 GCCTCATCATAGACGCTGGATGCA TGCATCGGCACTAGTCTCG 2055 GACAGGCGTCATAGACCTCAAG CTTGAGAGCTTAGATGAGGC 2056 GCTACGAATCTTCCCTGTCGCCAC GTGGCACAGGGAAGATTCGTAGC 2057 TTTGGCAGAACGTTCCAAG CTTGAGAGCTTACTGCCAAA 2058 GGACAATAAGCACCGGAGAATCGC 2059 TCATGAACCTTCTGATGCCGCAC GTGGCCATCAGGTACGTTCTTGCCAAA 2059 TCATGAACCTTCTGATGCCGCAA TTCCGCGCATCAGAGGTTCATGA 2060 CGCCGCATTACCTTAAAAACGTGC GCACTTTTTAAGAGTTCATGA 2061 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTGGATTCTCGC 2062 GCGAAGAGTTGCTACTTTTTCGTC GCCACAGAGAGATTGTTCGCC 2063 CGTCGGCAACAATCTTTTTCGTCA TCACGAGAAAAAAGATTGTTTCCCGC 2064 AATCCTGTGCACCCGGAGACGCC GCCGTCTCATAGGTCCTACGAGAGTTCCTCGC 2065 AAACTATATGCATCAACGCCCGAAA TTCCGGGCGTTCATCGCC 2066 GAACTTAACACCCCCGGAACAATCTTTTCCGC 2067 CTCTATGGCACCCGGAGCC GCCTCGCGGTTGATTGATCCAACCGCGAGCC 2068 GAACTTACCACACCCCGGAAC 2069 CACTCAGGCTTGCCACCGGAGCC GCCTCCATTGATT 2069 CCTCGATAACACCCCCGAAAA ATTTCTGGCACCCAAAACAACCCCCGAAAA ATTTCTTGCCACCCGGTTTGCACCCGGAGCC 2070 CACTCAAGCGTTGCACCCCGGAACAAATCTTTTCGCACCCGGATCACCACCCCGGTTCACGGCTTCACGGCTTCACGGCTTCACGGCTACACACCCCGGACC 2071 GAATTATCACACGCCCAAGAAA ATTTCTTGGCACCCAGGACCC 2072 GTGACATCACACGCCCAAGAAA ATTTCTTGGCACCCCGGTTCACCACGCCCAAGAAA ATTTCTTGGCACCCCGGAGCC 2073 AGCACCCCGGAGCC 2074 TAGGTTGCCAACCACGCGAGCC 2075 GTCCATACGTGGGCCCAAGACAATCTTTCGCACCCCGGTTCACCACCCCGGTGCCC 2074 TAGGTTGCCAGCCCAAGAAA ATTTCTGGCGCGTTTCCCGGCCCACGACCCCCGGACCACCACTTCCTGCAACCTCACACCCGGTGCCCCACCACTTCCTGCAACCTCACACCCCGGACC 2076 CCCGGCTACCCACCCCGAGCC 2077 GCACCCACCACTGCCCCACACTACCACCCGGTGCACCACCACTTCCTGCAACCTACCACCCGGGTCCCACCACTTCCTGCAACCCCACACCCCCGGACCACCACTTCCTGCAACCCCACACCCCCGGACCACCACCACTACCACCCGGTCCCACCACTACCACCCCGGTCCCACACCCCCGGACCACCACCACCCCGGACCACCACCCCCACATTCCCACACCCGGTCCCACACCCCCCCC	2049	GCACCGCGTCAATATTACCGAGGA	TCCTCGGTAATATTGACGCGGTGC
ATGAGGTCGTGCTGCGTTCACGAG 2053 CGAGACTAGTGCCGATGCAGGGTA 2054 GCCTCATCATAGACGCTGGATGCA 2055 GACAGGCGTCGGTAGCTCTCAAG 2056 GCTACGATCTCCTGTCCCAC 2056 GCTACGAATCTTCCCTGTCCCAC 2057 TITTGGCAGAACCTCCTCAAG 2058 GGACAGTAGCCCGGTGGGGT 2058 GGACAATAGCACCGGGAGGGT 2059 TCATGACACGTAGCCTGGATGCA 2059 TCATGACCTCTGAGACCCGGAATGCT 2059 TCATGACCTTCTGATGCCCAC 2050 TCATGACCTTCTGATGCCCAC 2050 TCATGACCTTCTGATGCCCAC 2050 TCATGACCTTCTGATGCCCCAC 2051 ACGACATTACCCTATACCCGGAAATGCG 2052 TCATGACCTTCTGATGCCCCAC 2053 TCATGACCTTCTGATGCCCCACA 2060 CGCCGCATTACCTTAAAACCGTGC 2061 ACGAGTTCCACACCGCCTCATTGATT 2062 GCGAAAGATTCTTCCGCC 2063 CGTCGGCAACAATCTTTTCCTGCC 2063 CGTCGGCAACAATCTTTTCCTGCC 2064 AATCCTGTGCACCCGTGAGACCCC 2065 AACCTATATGCATCACCCGGAACCCC 2066 AACCTATATGCATCACCCGGAACCCC 2067 CTCTATGGCCACCACACACAC 2068 GAACTTGCAAAACACACCCCGGAAA 2069 CCTCGCTTTCCGCC 2069 CCTCATCTGCCCCCAAAAA 2069 CCTCGCTTTCCACCCCGTAACCCCGGAAA 2070 CACTCAGCGTTTCCGCC 2071 GAATTATCACACCCCAAAAAA 2072 GTGACATCACACGCCACAAAA 2073 AGCACCTTGCCGTCTGCA 2074 TAGGTTGCACCCCAAAAAA 2075 GTCCCATACACAGACCAGAC 2076 GTCCATCACGAGACCCGC 2077 CAACCTCACGGTTGCCGTCGCACACACACACCCCGGTCCACCACACACA	2050	GTGTCGCGGCTTTACAGAAGGAGA	TCTCCTTCTGTAAAGCCGCGACAC
2053 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2054 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGTCTATGATGAGGC 2055 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCTGTC 2056 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2057 TTTGGCAAGCATCCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2058 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATGATGAGC 2059 TCATGAACCTTCTGATGCCGCAA TTCGCGGCATCAGAAGGTTCATGA 2060 CGCCGCATTACCTTAAAAACGTGC GCACTTTTTAGGTAATTGCGGCG 2061 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2062 GCGAAGAGTTGCTCTCCGCC GGCGGAAGAATAGCACCACCGCCTCATTGATT 2063 CGTCGGCAACAACTCTTTTTCGGCC GGCGGAAGAAAAGAA	2051	GCAAGCCATACCGCAATAAACTCG	CGAGTTTATTGCGGTATGGCTTGC
2054 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGTCTATGATGAGGC 2055 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCTGTC 2056 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2057 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2058 GGACAATAAGCACCGGAGAAATGCG CGCATTCTCCGGTGCTTATTGTCC 2059 TCATGAACCTTCTGATGCCGCGAA TTCGCGCATCAGAAGGTTCATGA 2060 CGCCGCATTACCTTAAAAACGTGC GCACTTTTAAGGTAATGCGGCG 2061 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGACTTCGC 2062 GCGAAGAGTTGCTACTTTCCGCC GGCGGAAGAGTAGCACCTTTCGC 2063 CGTCGGCAACAATCTTTTTCGTCA TCACGAAAAAGATTGTTGCCGACG 2064 AATCCTGTGCACCCGTGAAGCCCG 2065 AACCTATATGCATCAACACGCAGCC CGCGTCTCACGGGTGCACAGGATT 2065 AACCTATATGCATCAACAGCCAGAAA 2066 CACCTTGGCAAACAACCCCGAAAA 2067 CTCTATGGCACCCGGTAGACCCG 2068 AACCTATATGCATCAACAGCCAGAAA 1TTCCCGGGCTGTTTGCCAAGTTC 2069 CCTCATGGCCAAACAACCCCGAAAA 1TTCCTGGGCTTTTTTCCACACCCCAAACAACCCCGGTGCAACACCCGGTGCACACCACCAGGAT 2069 CCTGGCTTTTCACACGCCACAAAA 2068 AGTGCACCAGGAAAAA 1TTCTTGGCCGTTTTGCACCCGTGAAACACCCCGGTGCAACCCCGGTGCAACCACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA 1TTCTTGGCCGTTTTAAAAAGCCAGC 2070 CACTCAGCGTAGCCCTGAAGAC 2071 GAATTATCGACCACACCAGAAAA 1TTCTTGGCGTGTTGAAAAGCCAGG 2071 GAATTATCGACCGCAGCGGTGTCG 2072 GTGACATCACATGGTGGCCGACCG 2073 AGCACCTTGCCAACCCCGAAGAA 1TTCTTGGCGGTTGTGAAAAGCCAGG 2074 TAGGTTGCACACTGGTGCCACCACCACCACCTGGATCACC 2075 GTCCCATACGTGGTGCCACCACCACCACCACCACCACCACCACCACCACCACCA	2052	ATGAGGTCGTGCTGCGTTCACGAG	CTCGTGAACGCAGCACGACCTCAT
2055 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2056 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2057 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2058 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2059 TCATGAACCTTCTGATGCCGCGAA TTCGCGGGATCAGAAAGGTTCATGA 2060 CGCCGCATTACCTTAAAAACGTGC GCACTTTTAAGGTAATGCGGCG 2061 ACGAGTCCAACCGCCTCAATTGATT AATCAATGAGGCGGTTGGACTCTGT 2062 GCGAAGAGTTGCTACTTTACGCCC GGCGGAAAAGAGTTGCTGCC 2063 CGTCGGCAACAATCTTTTTCCGCC GGCGGAAAAAGATTGTTGCCGCGG 2064 AATCCTGTGCACCCGTGAGACGC CGCGTCTCACGGGTGCACACGGT 2065 AACCTATATGCATCAACGCCAGCC CGCGTCTCACGGGTGCACACGGTT 2066 GAACTTGGCAAACACGCCCGGAAA TTTCCCGGCTGTTTTCGCAACCT 2067 CTCTATGGCCGTTTGCCA TGCACACCCGGTGAACACCCCGTAAGACCCCGAAAA TTTCCTGGCCTTTTTCCCACC 2068 AGTGCACCAGAACAACCCCGAAAA TTTCCTGGCCTTTTTCCACACCCCAAGACACCCCGTGAAACACCCCGGTAGACGCC 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGTGCCACCCCATGAGAC 2070 CACTCAGCGTTGGCACCCAAGAAA TTTCTTGGCGTGTGAAAAACCCAGG 2071 GAATTATCGACCCCAAGAAA TTTCTTGGCGTGTGAAAAACCCAGG 2071 GAATTATCGACCCCAAGAAA TTTCTTTGGCGTGTGAAAAACCCAGG 2072 CACTCAGCGTAGCCTGAAGCCTGG CCAGCCTTCAGGCTACGCTGAGTG 2073 AGCACCTTGCCGATGCACCAACAC CGGTGCACCACTGTGATGCAC 2074 TAGGTTGCAGCACACACAC TCACTGGTGCACCCACTGTGATGCAC 2075 GTCCATACGTGTGGCCGAACC CGCTCCGCCCACCATTGGATGCAC 2076 TCGGATACTCTCGCGTGCCCCACGAACAC TCACTGGGCAACGGCTCAACCCACGTTGGACCACCACTTGGATCCAC 2077 CAACGTTCGCCGTGTCGCACCACGTTACGTGCAACCACCACGTTGGACCACCACCACTTGGACCACCACCACCACCACCACCACCACCACCACCACCAC	2053	CGAGACTAGTGCCGATGCAGGGTA	TACCCTGCATCGGCACTAGTCTCG
2056 GCTACGAATCTTCCCTGTCGCCAC 2057 TTTGGCAGAACGTACCAGTGGGGT 2058 GGACAATAAGCACCGGAGAATGCG 2059 TCATGAACCTTCTGATGCCGCGAA 2058 GGACAATAAGCACCGGAGAATGCG 2059 TCATGAACCTTCTGATGCCGCGAA 2060 CGCCGCATTACCTTAAAAACGTGC 2061 ACGAGTCCAACCGCCTCATTGATT 2062 GCGAAGAGTTACATTGATT 2063 ACGAGTCCAACCGCCTCATTGATT 2064 ACGAGTCCAACCGCCTCATTGATT 2065 AACCTATATGCACCACCGCTCATTGATT 2066 AACCTATATGCACCACCGCTCATTGATT 2066 AACCTATATGCACCACCGCTCATTGATT 2066 AACCTATATGCACCACCGCTGAACACCCC 2067 CTCGGCAACAATCTTTTCCGCC 2068 AACCTATATGCACCACCGCTGAACACCC 2069 CACCGAACAATCTTTTCCGTCA 2060 CGCGCAACAATCTTTTCCGTCA 2061 ACCTATATGCACCACCGCGCCC 2062 CGCGAACAATCTTTTCCGTCA 2063 AACCTATATGCACCACCGCGCCC 2064 AATCCTGTGCACCCGTGAACCCCC 2065 CGCGTCCACCGGTGCACACGCC 2066 CAACTTATGCACCACCCGGAAA 2066 CAACTTGGCCAACAACCCCGGAAA 2067 CTCTATGGCCCGTTGCAACCCCGGAAA 2068 AGTGCACCGGGTTGCCGTTCCA 2069 CCTGGCTTTTCACACCGCACAAA 2068 AGTGCACCGGGTTGTGACACACAACACCCCGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA 2070 CACTCAGCGTTGCCGTCTGCA 2071 GAATTATCACACGCCAAGAAA 2071 CACTCAGCGTAGCCTGAAGCCTGG 2071 CACTCAGCGTAGCCTGAAGCCTGG 2072 CTGACATCACATGGTGGCCACCACGTTCGCTCGCACCATGTCACC 2073 AGCACCTTGCCGAGCCGCGTTCG 2074 TAGGTTGCAGAACACCACGTGA 2075 GTCCCATACCTGGGGCACCACCACTGGCACCACCTTCCGCAACCTA 2076 TCGGATACTCTCGCGTGCCACCGGT 2077 CAACCTTCCCCGAGTCACCACGGAC 2077 CAACCTTCCCCGAGTCACCACGGA 2077 CAACCTTCCCCGAGTCACCACGGA 2077 CAACCTTCCCCGCTTAGCCCAAAT 2078 GTTAGGTCACCGCGGCGCACCAATTCCTA 2079 GTTCACCGCCCTAAGCCCAAAT 2079 GTTCACCGGCCCCCACAATTCCTA 2079 GTTCACCGGCCCCCACAATTCCTA 2079 GTTCACCGCCCTAAGCCCAAAT 2079 GTTCACCGGCCCCCCACAATCCACCACCTTCCCGCACCACCTTCCCCACCACCTTCCCCCCCTAAGCCCAACCACCCCCCCC	2054	GCCTCATCATAGACGCTGGATGCA	TGCATCCAGCGTCTATGATGAGGC
2057 TTTGGCAGAACGTACCAGTGGGT 2058 GGACAATAAGCACCGGAGAATGCC 2059 TCATGAACCTTCTGATGCCGCGAA 2060 CGCCGCATTACCTTAAAAACGTGC 2061 ACGAGTCCAACCGCCTCATTGATT 2062 GCGAGTCCAACCGCCTCATTGATT 2063 CGCCGCATTACCTTAAAAACGTGC 2064 ACGAGTCCAACCGCCTCATTGATT 2062 GCGAAGAGTTGCACCGCCGCCTCATTGATT 2064 ACGAGTCCAACCGCCTCATTGATT 2065 ACCTGGCAACACCGCTCATTGATT 2066 AACCTGTATTCCGCC 2066 AACCTATATGCATCCTTCCGCC 2067 CGCGCAACAATCTTTTTCGTGA 2068 AACCTATATGCATCACCGGAGACCC 2064 AATCCTGTGCACCCGTGAGACCCG 2065 AACCTATATGCATCACCCGGAACA 2066 GAACTTGGCAACACGCCGGAAC 2067 CTCTATGGCACACCCGGAACA 2068 AGTGCACCGGTTTGCCGCTTGCA 2068 AGTGCACCGGTTTGCACCGTTGAA 2069 CCTGGGTTTTCACACGCCAACAA 2069 CCTGGCTTTTCACACGCCAACAA 2070 CACTCAGCGTAGACCTGG 2071 GAATTATCGACCCGAACAA 2071 GAATTATCGACCGCAACAAA 2072 GTGACATCACATCGGTGCACAACACCCGGTGCACT 2073 AGCACCTTGCCGAGCGGTTCG CGACACCGCTGCGTAGATC 2074 TAGGTTGCAGACACACACAT 2075 GTCCCATACCTGGGCACCACATGAA 2076 TCGAACACCACACTTACTTGCC 2077 CACCTTGCCGAGTCACCAGTGA 2076 TCGAACACCACGTGACCCAACCACCACCTTACCCAACCCACCTTACCACACCCACCTTACCACC	2055	GACAGGCGTCGGTAAGCTCTCAAG	CTTGAGAGCTTACCGACGCCTGTC
GGACAATAAGCACCGGAGAATGCG 2059 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAAGGTTCATGA 2060 CGCCGCATTACCTTAAAAACGTGC CGCACGTTTTTAAGGTAATGCGGCG 2061 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2062 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTTCGCC 2063 CGTCGGCAACAATCTTTTTCGTGA 2064 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2065 AACCTATATGCATCAACGCGGAGCC CGCGTCTCACGGGTGCACAGGATT 2066 GAACTTGGCACCCGTGAGACGCG GGCTCGCGTTTATGCATAAGGTT 2067 CTCTATGGCCGTTGCCGCTTGCA 2068 AGTGCACCGGGTTGCCGTCTGCA 2069 CTGGCTTTTCACACGCCGAAA TTTCCGGCGTTTTTTCCCACC 2069 CCTGGCTTTTCACACGCCAAAA TTTCTTGCCACAACCCGGTCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGCCCACACCCGGTCACT 2070 CACTCAGCGTAGCCCAAGAAA TTTCTTGGCCGTTCAAAGCCAGG 2071 GAATTATCGACCCCAAGAAA TTTCTTGGCCGTTCGAAAAACAGCCCAGG 2072 GTGACATCACATGGTGGCCAAGCAA TTTCTTGGCCTGTGAAAAAGCCAGG 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACACCAGTGATAATTC 2074 TAGGTTGCAGAGAATA TTCGGCGTACCACCATGTGATGCACACCATGTGATGCACACCCAGTGATGACACACAC	2056	GCTACGAATCTTCCCTGTCGCCAC	GTGGCGACAGGGAAGATTCGTAGC
TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2060 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2061 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2062 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2063 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2064 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2065 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2066 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2067 CTCTATGGCCGTTTGCACTCGAA TGCAGACAGCCCATAGAG 2068 AGTGCACCGGTTGTGGACACAAT ATTGTGTCCACACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTTGAAAAAGCCAGG 2070 CACTCAGCGTAGACCTGG CCACCCTTCACGGTGCACT 2071 GAATTATCGACCACACGCCAAGAAA TTTCTTGGCGTTGAAAAAGCCAGG 2072 GTGACATCAACTGGTGGCCAAGCCT CCACCCTTCAGGCTACACTCACCTACACCCTACACCTACACTACACACAC	2057	TTTGGCAGAACGTACCAGTGGGGT	ACCCCACTGGTACGTTCTGCCAAA
2060 CGCCGCATTACCTTAAAAACCTGC GCACGTTTTTAAGGTAATGCGGCG 2061 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2062 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2063 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAAGATTGTTGCCGACG 2064 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2065 AACCTATATGCATCAACGCGAGCC GGCTCCACGGGTGCACAGGATT 2066 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2067 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2068 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTTGAAAAAGCCAGG 2070 CACTCAGCGTAGCCTGAAGCCTGG 2071 GAATTATCGACCGCAGCGGTGTCG 2072 GTGACATCAACATGAGCCCAGGAGAA TTCCTTGGCCGTTGGATGTCAC 2073 AGCACCTTGCCGATGGCCCAGCGGTGCACACACCCGTGCGATGATCC 2074 TAGGTTGCCGAGTCACCAGTGA TCACTGGTGACTCGCAACCTA 2075 GTCCCATACGTGGTCACCAGTGA TCACTGGTGACTCGCAACCTA 2076 TCGGATACTCTCGCGATCACCAGGG 2077 CAACGTTCGCGAGTGGCCACGGG 2077 CAACGTTCGCCGATCACCAGGG 2078 GTTCCCATACGTGGTGCCACGGG 2079 GTTCACCGCGTCCCCAAGAAA ATTTGGGCTTACGGCAACCTA 2079 GTTCACCGCGTGCCACGGG CCCGTGGCACCACCTTGCAACCTA 2079 GTTCACCGCGTGCCACGGG CCCGTGGCACCACCATTCCTGCAACCTA 2079 GTTCACCGCGTGCCACGGG CCCGTGGCACCGGTGACCTAAC 2079 GTTCACCGCGCCCCTTACTTGGGTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCACCTAGTCCTA TAGGATATGCCGCGGTGAACCTA 2081 GCTACGCCTCTAGGTCATTTTGGCC 2082 CAGGGAATGCTACCAAAT ATTTGGGCTTTAGGGGCGAACGTTG 2083 AAGGGTTAGCTCCCGGTGAACCCAATTCCTCAACCAAGCGGGAATTCCTA 2084 CCTCGCAAGCCCCAAATTCTA TAGGATATGCCGCGGTGACCTAACCTA	2058	GGACAATAAGCACCGGAGAATGCG	CGCATTCTCCGGTGCTTATTGTCC
ACGAGTCCAACCGCCTCATTGATT ACCAATGAGGCCGGTTGGACTCGT 2062 GCGAAGAGTTGCTACTCTTCCGCC GCCGGAAGAGTAGCAACTCTTTCGC 2063 CGTCGGCAACAACATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2064 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACCGGGTGCACAGGATT 2065 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATTAAGGTT 2066 GAACTTGGCAAAAACAGCCCGGAAA TTTCCGGGCTGTTTTTTCCACACGCCAAGGATT 2067 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2068 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTTGAAAACCCCGGTGCACT 2070 CACTCAGCGTAGCCTGAAGCCTGG CCAGCCTTCAGGCTACACGCCAGGACC 2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCCGCAAGACGTCC 2074 TAGGTTGCAGGAATGGTGGGCCACCG GGTGCCCACCATTCCTGCAACCCTA 2075 GTCCCATACGTGTGGTACCCGGGT CCACCGTTACGCCAACGTATCCACACCTTACCGCTACACCTA 2076 TCGGATACTCTCGCGTGCCACGGG CCCGTGCCACCATTCCTGCAACCTA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTCCAA 2079 GTTCACCGGCCCTTACTTGGGTTT AAACCCAACGTAGAGGCCGAACCTTAC 2079 GTTCACCGGCCCTTACTTGGGTTT AAACCCAAGTAGAGGCCGAACCTTAC 2080 AATCCGCGTCTACTTGGGTTT AAACCCAAGTAGAGGCCGAACCTAAC 2081 GCTACGCCTCTGGAGGTGCACC GGGTACCACCTTCCAGAGGCCGAACCTAC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCTG 2083 AAGGGTTAGCTCCCCGGTTAACAG CTGTTAACCGGCCAGCTTACCCTG 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCCCGGCCAGCCACCCTTCCCTGCAACCCTT 2084 CCTCGCAAGCGCGATATTTTATGCC GGCATAAATAATCGCGCTTGCAACCCTT 2085 GCCTCCCGGTCAAGGCCAACT TTCCCTTGACCATGACCCTTACCCTT 2086 GCTGTTGACCGCGCACCTTTTTTTTTCCC GGCATAAATAATCCCGGCCTCAACACCCTT 2086 GCTGTTGACCGCCCTAAGGCCAACT TTCCCTTGACCATGACCCGGGGCCTTACCCTT 2086 GCTGTTGACCGCCCTAACCCTTTGCACCGGGCACCTTTCCTTGCAACCCTTTCCTGCAGGCCTTTACCCGGGCAACCCTTTCCTTGCAACCCTTTTTTTT	2059	TCATGAACCTTCTGATGCCGCGAA	TTCGCGGCATCAGAAGGTTCATGA
GCGAAGAGTTGCTACTCTTCGGC 2063 CGTCGGCAACAATCTTTTTCGTGA CGTCGGCAACAATCTTTTCGTGA CGTCGGCAACAAATCTTTTTCGTGA TCACGAAAAAAGATTGTTGCCGACG 2064 AATCCTGTGCACCCGTGAGACGCC CGCGTCTCACGGGTGCACAGGATT 2065 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2066 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAACGTC 2067 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2068 AGTGCACCGGGTTGTGGACACAAT TTTCTTGGCGTAAACCCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTTGGAAAACGCCAGG 2070 CACTCAGCGTAGCCTGAAGCCTGG CCAGGCTTCAGGCTACAACGCCAGGTG 2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCCGCAAGCCTA 2074 TAGGTTGCAGGAATGGTGGGCCACC GGTGCCCACCATTCCTGCAACCTA 2075 GTCCCATACGTGTGGTACCCAGTGA TCACTGGTGACTCCGCAACGTATCCCAA 2076 TCGGATACTCTCGCGTGCCACGGG CCCGTGCACCACACGTATGCGAA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACCGTTC 2078 GTTAGGTCACCGCGGCCACAAT ATTTGGGCTTAGGGGCGAACCGTTC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGAACCTAAC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGAACCTAAC 2080 AATCCGCGTCTAGGTCATTGTGGTC CAACGTTGGACCTACACACGTTGAACCTAAC 2081 GCTACGCCTCTGGAGGTGATCCCA 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTCCCCGGTTAACAG CTGTTAACCGGCCAGCAGCCTTACCCTT 2084 CCTCGCAAGCGCGATATTTTATGCC GGCATAAATATCCGCGCTTGCAGGC 2085 GCCTCCCGGTCAAGGCCAACCTTTCCTTGACCATGACCGTTGCAGGC 2086 GCTGTTGACCGCGCACCTTGCACGGAA TTCCCTTTGACCATGACCCTTCAACAGC 2086 GCTGTTGACCGCGCACCTTTTTTTTTCCC GTCACACATGACCGGGAGCCTTACCCTTTCTTTTTTTTTT	2060	CGCCGCATTACCTTAAAAACGTGC	GCACGTTTTTAAGGTAATGCGGCG
2063 CGTCGGCAACATCTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2064 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2065 AACCTATATGCATCACGCGAGCC GGCTCTCACGGGTGCACAGGATT 2066 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2067 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGCCATAGAG 2068 AGTGCACCGGGTTGTGGACACAAT ATTGTTGCCACCCGGTCACT 2069 CCTGGCTTTTCACACGCCAAGAAA ATTGTTGCCACACCCGGTGCACT 2070 CACTCAGCGTAGCCTGAAGCCTGG CCAGGCTTCAGGCTAGATGC 2071 GAATTATCGACCGCAGCAGCTG CCAGGCTTCAGGCTACGTG 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATTC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGCCACCACTGCTGAAATTC 2074 TAGGTTGCAGGAATGGTGGCCACC 2075 GTCCCATACGTGGTACCCAGTGA ATCCCGCGTACCCTA 2076 TCGGATACTCTCGCGTGCCACGGG 2077 CAACGTTCGCCGTGCCACGGG 2077 CAACGTTCGCCGTGCCACAGAA ATTTGGGCTTACGGAACCTTA 2078 GTTAGGTCACCCCAAAT ATTTGGGCTTAGGGCAACGTTG 2079 GTTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGAAC 2079 GTTCACCGCGCCCTAAGCCCAAAT ATTTGGCTTAGGGCGAACGTTG 2080 AATCCCGCGTCTACTTGGGTTT AAACCCAAGTAGAGCCGGAATT 2081 GCTACGCCCTTACTTGGGTTT AAACCCAAGTAGAGCCGGAATT 2082 CAGGGAATGCTACAAGGGTCCAA TTGGACCTTCAGACCTGAAC 2083 AAGGGTTAGCTACAAAGGGTCCAA TTGGACCTTTGTAGCATTCCTG 2084 CCTCCCGGTCACAAGGGCCAAAT TTGGACCTTTGTAGCATTCCCTG 2085 GCCTCCCGGTCAAGGCAATTTTATGCC GGCATAAAATATCGCGCTTTGCGAGGC 2086 GCTGTTGAACGGCGAAATTTTATGCC GGCATAAAATATCGCGCTTTGCGAGGC 2086 GCTCCCCGGTCAAGGCCAAAT TTCCCTTGACCATGACCGTTGCGAGGC 2087 CCACGCGTCAACAAGGGTCCAAA TTGGACCCTTTGTAGCATTCCCTTG 2088 GCCTCCCGGTCAACAGGGAAATTTTATGCC GGCATAAAATATCGCGCTTTGCGAGG 2086 GCCTCCCGGTCAAGGGAAATTTTATGCC GGCATAAAATATCGCGCTTTGCGAGG 2087 GCTCCCGGTCAAGGGCAAATTTTATGCC GGCATAAAATATCGCGCTTTGCGAGGC 2086 GCCTCCCGGTCAAGGCAACCTTTGCACCGCGCTCAACAGC	2061	ACGAGTCCAACCGCCTCATTGATT	AATCAATGAGGCGGTTGGACTCGT
2064 AATCCTGTGCACCCGTGAGACGCG CGCGTCACCAGGGTTCACCAGGATT 2065 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2066 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTCCCAAGTTC 2067 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2068 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTGTGAAAAGCCAGG 2070 CACTCAGCGTAGACCCTGG CCAGGCTTCAGGCTACGCTGAGTG 2071 GAATTATCGACCGCAGCGGTGCG CGACACCGCTGCGGTCGATATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCACCTA 2074 TAGGTTGCAGGAATGGTGGCCCACCATTCCTGCAACCTA 2075 GTCCCATACGTGTGTACGCGGAT ATCCGCGTACCACCATTCCTGCAACCTA 2076 CTCGGATACTCTCGCGTGCCACGG CCCGTGGCACCACATTCCTGCAACCTA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGCGAACGTTG 2078 GTTAGGTCACCGGGCATATCCTA TAGGATATGCCGCGGTGACC 2079 GTCCACCCCCTAAGCCCAAAT ATTTGGGCTTAGGGCCGAACGTTG 2080 AATCCGCGCTCTACTTGGGTTT AAACCCAAGTAGAGCCGGGATT 2081 GCTACGCCTCTAGGTGATCCCA GGGTACCACCTTCAGACGCGGATT 2082 CAGGAATGCTACAAAGGGTCCAA TTGGACCCTTAGACGCGGATT 2083 AAGGGTTAGCTCCGGGTTAACAG CTGTTAACCGGGCAGCTTACCTG 2084 CCTCCCGAAGCCGATATTTATGCC GGCATAAATATCCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAACGC 2086 GCTGTTGAGCGCGAACTTTTATCCC GGCATAAATATCCGCGCTTGCGAGG 2086 GCTGTTGAGCGCGACCTTGTGCACCGGGAGGCCCCCCCCC	2062	GCGAAGAGTTGCTACTCTTCCGCC	GGCGGAAGAGTAGCAACTCTTCGC
2065 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2066 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2067 CTCTATGGCCGTTTGCCA TGCAGACGGCAAACGGCCATAGAG 2068 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTGTGAAAAGCCAGG 2070 CACTCAGCGTAGACCTGG CCAGGCTTCAGGCTAGAGTG 2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCACCACCACCATGTGATGTCAC 2074 TAGGTTGCAGGAATGGTGGGCCACC GGTGCCCACCATTCCTGCAACCTA 2075 GTCCCATACGTGTGGTACGCGGAT ATCCGCGTACCACCTAC 2076 TCGGATACTCTCGCGTGCCACGG CCCGTGGCACGCGAGAGTATCCGA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCCAACGTTG 2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2079 GTTCACCGGGCCTCTACTTGGGTTT AAACCCAAGTAGAGCCCGATGAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCCTAAC 2081 GCTACGCCTCTAGGTCATTGGGTC GACCACACTTCCTCAGACGCGATT 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTCAAGACGCGGATT 2083 AAGGGTTAGCTGCCCGGTTAACAC CTGTTAACCAGCCTTTGCAGCCCTTACCTTGCAACCTTTTTTTT	2063	CGTCGGCAACAATCTTTTCGTGA	TCACGAAAAAGATTGTTGCCGACG
2066 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2067 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2068 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTTGAAAAGCCAGG 2070 CACTCAGCGTAGCCTGAAGCCTGG CCAGGCTTCAGGCTACGCTGAGTG 2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACCTCACC 2074 TAGGTTGCAGGAATGGTGGGCACC GGTGCCCACCATTCCTGCAACCTA 2075 GTCCCATACGTGTGGTACGCGGAT ATCCGCGTACCACACCTA 2076 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACCACCATTCCTGCAACCTA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGAAC 2079 GTTCACCGCGCCCTAACCCCAAAT ATTTGGGCTTAGGGGCCGAACGTTG 2080 AATCCGCGTCTACTTGGGTT AAACCCAAGTAGAGGCCGGTGAAC 2081 GCTACGCCTCTAGGTGATCCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTGAACCCTG 2083 AAGGGTTAGCTACAAAGGGTCCAA TTGGACCCTTTGACCATTCCTG 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCCGCGTTGCGAGG 2085 GCCTCCCGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGCC 2086 GCTGCCAAGCGCGAATATTTATGCC GCCATAAAATATCGCGCTTGCGAGG 2086 GCTCCCCGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGCC 2087 GCTTCACCGGCGCAATATTTATGCC GCCATAAAATATCGCGCTTGCGAGG 2086 GCTCCCCGGTCAAGGGAA TTCCCTTGACCATGACCCGGGAGCC 2087 GCTCCCGGTCAAGGGAAA TTCCCTTGACCATGACCCGGGAGCC 2088 GCTCCCCGGTCAAGGGAAA TTCCCTTGACCATGACCGGGAGCC 2086 GCTGCTCCGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGCC 2087 GCTCCCGGTCAAGGGAAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTAGACGGCGAACCTTTGCACAGCCGGAGGCC 2087 GCTCCCGGTCAAGGGAAA TTCCCTTGACCATGACCGGGAGGC 2088 GCTCTCCCGGTCAAGGGAAA TTCCCTTGCACAGCCGCGAACCCTCCAACAGCCCCCCCCAAAAATATTCCCGCGTTAACAGCCGGGAGCC 2087 GCTCCCGGTCATGGTCAACGCGGGAAAATATTATGCC GCCTCTCAACAGCC 2087 GCTCCCGGTCAAGGGAAA TTCCCTTGACCATGACCAGCCGCGAACCCTCCAACAGCCCTCCAACAGCCCTTTGCACAGCCGCGAACCCTTCAACAGCCGCGAACCTTTCCAACAGCCGCGAACCTTCAACAGCCGCGAACCTTTCCAACAGCCGCGAACCTTCAACAGCCGCGAACCTTTAACAGCCTTTGACCATGACCAGCCGCAACACCCTCAACACCCTTTAACAACCCTTTAACACCATGACCAGCCAAAAATATTCACCAAGCCACACCACACACA	2064	AATCCTGTGCACCCGTGAGACGCG	CGCGTCTCACGGGTGCACAGGATT
2067 CTCTATGGCCGTTTGCCGTCTGCA 2068 AGTGCACCGGGTTGTGGACACAAT 2069 CCTGGCTTTTCACACGCCAAGAAA 2070 CACTCAGCGTAGCCTGAAGCCTGG 2070 CACTCAGCGTAGCCTGAAGCCTGG 2071 GAATTATCGACCGCAGCGGTGCG 2072 GTGACATCACATGGTGGCCGAGCG 2073 AGCACCTTGCCGAGTCGC 2074 TAGGTTGCAGGAATGGTGGCCACCATGTGATGCCT 2075 GTCCCATACGTGGTAGCCCGGT 2076 TCGGATACTCTCGCGTGCACCACGTA 2077 CAACGTTCGCCGTGCGACCGGTTCGCGTACCACACCTA 2076 CTCGGATACTCTCGCGTGCACCACAGTA 2077 CAACGTTCGCCGAGCACCAGGAT 2078 GTTAGGTCACCACAGTA 2079 GTTCACCGGGCACCACATGTATCCGA 2079 GTTCACCGGGCACCACATGCTAACCTA 2079 GTTCACCGGCCCTTACTTGGGTTT 2080 AATCCGCGTCTAGGTCATCCTA 2081 GCTACGCCTCTAGGTCATCCCAACCTTCCTGCAACCTACCCCCCTAGGCCACCTCTAGCCCCAACCTTCCTGCAACCTACCCCCCCTAGCCCACACTTCCTGCAACCTACCCCCCCC	2065	AACCTATATGCATCAACGCGAGCC	GGCTCGCGTTGATGCATATAGGTT
AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT 2069 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTGTGAAAAGCCAGG 2070 CACTCAGCGTAGCCTGAAGCCTGG CCAGGCTTCAGGCTACGCTGAGTG 2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCGCAAGGTGCT 2074 TAGGTTGCAGGAATGGTGGGCACC GGTGCCCACCATTCCTGCAACCTA 2075 GTCCCATACGTGTGGTACGCGGAT ATCCGCGTACCACACGTATGGGAC 2076 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2078 GTTAGGTCACCGGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTCAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGATCCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGCC 2086 GCTGTTGACCGGCGAACCTTGCAC GTGCACAGGCCGTCAACAGC	2066	GAACTTGGCAAAACAGCCCGGAAA	TTTCCGGGCTGTTTTGCCAAGTTC
2070 CACTCAGCGTAGCCTGAAGCCTGG CCAGGCTTCAGGCTACGCTGAGTG 2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCGCAAGGTGCT 2074 TAGGTTGCAGGAATGGTGGCCACCATGTGATCTCTGCAACCTA 2075 GTCCCATACGTGGTGACCCGGGT 2076 TCGGATACTCTCGCGTGCCACGGAT ATCCGCGTACCACACGTATGGGAC 2077 CAACGTTCGCCGTGCCACGGG CCCGTGCCACCATTCCTGCAACCTA 2078 GTTAGGTCACCAGTGA ATCCGCGTACCACACGTATGGGAC 2079 GTTCACCGCGCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2080 AATCCGCGTCTACTTGGGTTT AAACCCAAGTAGACCCGGGATC 2081 GCTACGCCTCTACTTGGGTT AAACCCAAGTAGACCCGGGATT 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCTTCCAGAGCCGTAGC 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGCAGCATTCCCTG 2084 CCTCGCAAGCGCGATATTTTATGCC GGCATAAATATCCGCGCTTGCGAGG 2085 GCCTCCCGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGCCGTTGCGAGG 2087 CCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2088 GCTTCCCGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGGAACCTGTGCAC GTGCACAGGCCGTTGCGAGG 2086 GCTGTTGAGCGGGAACCTGTGCAC GTGCACAGGCCGTTCAACAGC 2087 CCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2088 GCTGTTGAGCGGGAACCTGTGCAC GTGCACAGGCCGTTCAACAGC CTCGCAAGCGCGACCTTGCACGGGAACCTTCCCTGGAGGAGCCTAACCCTT	2067	CTCTATGGCCGTTTGCCGTCTGCA	TGCAGACGGCAAACGGCCATAGAG
2070 CACTCAGCGTAGCCTGAAGCCTGG CCAGGCTTCAGGCTACGCTGAGTG 2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCGGCAAGGTGCT 2074 TAGGTTGCAGGAATGGTGGGCACC GGTGCCCACCATTCCTGCAACCTA 2075 GTCCCATACGTGTGGTACGCGGAT ATCCGCGTACCACACGTATGGGAC 2076 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA 2077 CAACGTTCGCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2079 GTTCACCGGCGCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGCC 2086 GCTGTTGAGCGGCGACCTTGCAC GTGCACAGCCGGAGGC 2087 GCTGCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2088 GCTGTTGAGCGGCGACCTTGCACGCGGAGGC 2086 GCTGTTGAGCGGCGACCTTGCACGCGGAGGC 2087 GCTGCAAGCGCGAACCTTGACAGCCGGAGGC 2088 GCTGTTGAGCGGCGACCTTGACAGCCGGGAGCC 2088 GCTGTTGAGCGGCGACCTTGACAGCCGGGAGCC 2088 GCTGTTGAGCGGCGACCTTGCACAGCCGGGAGCC 2088 GCTGTTGAGCGGGAACCTTGACAGCCGGGAGCC 2088 GCTGTTGAGCGGCGACCTTGACAGCCGGGAGCC 2088 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGCCGCCCCCCTCAACAGCCCGCGTCAACAGCCCGGGAGCCCGCTCAACAGCCCGGGAGCCCGCTCAACAGCCCGGGAGCCCGCTCAACAGCCCGGGAGCCCGCCGCTCAACAGCCCGGGAGCCCGCCGCTCAACAGCCCGCGCCGCCCGC	2068	AGTGCACCGGGTTGTGGACACAAT	ATTGTGTCCACAACCCGGTGCACT
2071 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGCGGTCGATAATTC 2072 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2073 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCGGCAAGGTGCT 2074 TAGGTTGCAGGAATGGTGGGCACC GGTGCCCACCATTCCTGCAACCTA 2075 GTCCCATACGTGTGGTACGCGGAT ATCCGCGTACCACACGTATGGGAC 2076 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGGTATCCGA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACACTAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGATCCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTTACCTTTTAACCGGGCAGCTTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGCC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGCCGTCAACAGC	2069	CCTGGCTTTTCACACGCCAAGAAA	TTTCTTGGCGTGTGAAAAGCCAGG
GTGACATCACATGGTGGCCGAGCG 2073 AGCACCTTGCCGAGTCACCAGTGA 2074 TAGGTTGCAGGAATGGTGGGCACC 2075 GTCCCATACGTGGTACCGGGAT 2076 TCGGATACTCTCGCGAGTCACCAGGA 2077 CAACGTTCGCCGTGCCACGGG 2078 GTTAGGTCACCCACATT 2078 GTTCACCGCGCCCCTAAGCCCAAAT 2079 GTTCACCGCGCCACTTCTACTGGGTT 2080 AATCCGCGTCTACTTGGGTT 2081 GCTACGCCTCTAGGTCACCC 2082 CAGGGAATGCTAGGTCACCC 2083 AAGGGTTAGCTGAGGTCAAC 2084 CCTCGCAAGCCCAAAT 2085 GCCTCCCGGTTAACACC 2086 GCTGTTGAGCGCGATATTTATGCC 2086 GCTGTTGAGCGCGATATTTATGCC 2087 GTTCACCGGCGCATATTTATTGCC 2086 GCTGTTGAGCGCGAGACCTTACCTTGACCACCTTCAGAGCGCGAGCCTTACCTTCCTGACCACCTTCAGAGCGCGATTTCCCTGCACCCTCCAGAGCGCGATTTCCCTGCACCCTCCAGAGCGCGATTTCCCTGCACCCTCCAGAGCGCGATTTCCCTGCACCCTCCAGAGCGCGATTTCCCTGCACCCTTCCAGAGCGCGATTTCCCTGCACCCTTCCAGAGCGCGATTTCCCTGCACCCTTCCAGAGCGCGATTTCCCTGCACCCTTCCCAGAGCGCGATTTCCCTGCACCCTTCCCAGAGCCCTTCCCAGAGCCCTTTCCCTGCACCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTTCCCAGAGCCCCTTCCACAGCCCCTTTCCCAGAGCCCCTTCCCAGAGCCCCTTCCACAGCCCCTTCCACAGCCCCTTCACACACCCTTCCCAGAGCCCACACACCCCTTCCACAGCCCCTTCACACACCCTTCCCAGAGCCCACACACCCCTTCACACACCCTTCCCAGAGCCCACACACCCCTTCACACACCCTTCACACACCCTTCACACACCCTTCACACACCCTTCACACACACCCTTCACACACACACACCCTTCACACACACCCTTCACACACACACACCCTTCA	2070	CACTCAGCGTAGCCTGAAGCCTGG	CCAGGCTTCAGGCTACGCTGAGTG
AGCACCTTGCCGAGTCACCAGTGA AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCGGCAAGGTGCT TAGGTTGCAGGAATGGTGGGCACC GGTGCCCACCATTCCTGCAACCTA ATCCGCGTACCACACGTATGGGAC TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG TCGGATACTCTCGCGGCACCAAAT ATTTGGGCTTAGGGGCGAACGTTG AAACCCAAGTAGACCTAAC TAGGATATGCCGCGGTGACCAACC TAGGATATGCCGCGGTGACCTAAC AAACCCAAGTAGAGGCCGAACCTAAC AAACCCAAGTAGAGGCCGGATT AAACCCAAGTAGACGCGGATT AAACCCAAGTAGACGCGGATT CAGGATACTCTGGGTC GACCACATGACCTAGACGCGGATT CAGGATACCTCCAGAGGCGTAACC GGGTACCACCTCCAGAGGCGTAGC AAGGGTTAGCTGCCCGGTTAACAC CTGTTAACCGGGCAGCTAACCCTT CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG CCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC CCTCTCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC COCTCCCGGTCATGGTCAACGCC CTGCAACCGCGCACCTCAACACCC CTGTTAACCGGCCACCTTGCGAGG CCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC CCCTTTGACCAGGCCCCCTCAACACCC CTGTTAACCGGCCTTCAACAGCC CCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC CCCTTTGACCAGGCCCCCTCAACAGCC CTGTTTGACCAGGCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCTCAACAGCC CCCTTTTGACCAGGCCCCCCCCCC	2071	GAATTATCGACCGCAGCGGTGTCG	CGACACCGCTGCGGTCGATAATTC
TAGGTTGCAGGAATGGTGGGCACC 2075 GTCCCATACGTGTGGTACGCGGAT 2076 TCGGATACTCTGCGTGCCACGGG 2077 CAACGTTCGCCCCTAAGCCCAAAT 2078 GTTAGGTCACCGCGGAAT 2078 GTTAGGTCACCGCGGCAAAT 2079 GTTCACCGGGCATACCTA 2080 AATCCGCGTCTAGGTCATGGGTC 2081 GCTACGCCTTAGGTCATGTGGTC 2082 CAGGGAATGCTAGGTCACC 2082 CAGGGAATGCTACAAAGGGTCAA 2083 AAGGGTTAGCTGCCCGGTTAACAG 2084 CCTCGCAAGCGCGATATTTATGCC 2085 GCCTCCCGGTCAAGGGAA 2086 GCTGTTGAGCGGAAC 2086 GCTGTTGAGCGGAAC 2087 TCACCGGCTCAAGCCCAAAT 2087 TCACCGCGTCAAGCCCAAAT 2087 AACCCAAGTAGGGCGGAACCTAAC 2088 AACCCAAGTAGACCCTAGACGCGGATT 2088 TTGGACCTTTGTAGCATTCCTG 2088 TTGGACCCTTTGTAGCATTCCTG 2088 TCCCCGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC 2087 TCCCTTGACCAGGGAGC 2086 GCTGTTGAGCGGCGACCTGTGCAC 2087 TCCCTTGACCAGGGAGCC 2087 TCCCTTGACCAGGGAGCC 2087 TCCCTTGACCAGGGAGCC 2087 TCCCTTGACCAGGGAGCC 2087 TCCCTTGACCAGGGAGCC 2087 TCCCTTGACCAGGCCGCTCAACAGCC 2087 TCCCTTGACCAGGCCGCTCAACAGCC 2087 TCCCTTGACCAGGCCGCTCAACAGCC 2087 TCCCTTGACCAGGCCGCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCTCAACAGCC 2087 TCCCTTGACCAGGCCCCCCCCCCCCCCCCCCCCCCCCCC	2072	GTGACATCACATGGTGGCCGAGCG	CGCTCGGCCACCATGTGATGTCAC
GTCCCATACGTGTGGTACGCGGAT 2076 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGATCCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGCCGCTCAACAGC	2073	AGCACCTTGCCGAGTCACCAGTGA	TCACTGGTGACTCGGCAAGGTGCT
TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA 2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGCCGAACGTTG 2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGCCGCTCAACAGC	2074	TAGGTTGCAGGAATGGTGGGCACC	GGTGCCCACCATTCCTGCAACCTA
2077 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2075	GTCCCATACGTGTGGTACGCGGAT	ATCCGCGTACCACACGTATGGGAC
2078 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2076	TCGGATACTCTCGCGTGCCACGGG	CCCGTGGCACGCGAGAGTATCCGA
2079 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2080 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT 2081 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2077	CAACGTTCGCCCCTAAGCCCAAAT	ATTTGGGCTTAGGGGCGAACGTTG
AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT CONTROL CO	2078	GTTAGGTCACCGCGGCATATCCTA	TAGGATATGCCGCGGTGACCTAAC
2081 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2082 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2079	GTTCACCGGCCTCTACTTGGGTTT	AAACCCAAGTAGAGGCCGGTGAAC
2082 CAGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2080	AATCCGCGTCTAGGTCATGTGGTC	GACCACATGACCTAGACGCGGATT
2083 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2081	GCTACGCCTCTGGAGGTGGTACCC	GGGTACCACCTCCAGAGGCGTAGC
2084 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2082	CAGGGAATGCTACAAAGGGTCCAA	TTGGACCCTTTGTAGCATTCCCTG
2085 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2083	AAGGGTTAGCTGCCCGGTTAACAG	CTGTTAACCGGGCAGCTAACCCTT
2086 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC	2084	CCTCGCAAGCGCGATATTTATGCC	GGCATAAATATCGCGCTTGCGAGG
2007 COOTS CONTROL OF	2085	GCCTCCCGGTCATGGTCAAGGGAA	TTCCCTTGACCATGACCGGGAGGC
2087 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCTAAGTCAGCG		GCTGTTGAGCGGCGACCTGTGCAC	GTGCACAGGTCGCCGCTCAACAGC
	2087	CGCTGACTTAGCTCTGATGTGCCG	CGGCACATCAGAGCTAAGTCAGCG

	2088	TTCATGGCATTCATCACGAAGGAA	TTCCTTCGTGATGAATGCCATGAA
	2089	TAGTGTTATGCCCGCGTGTGAATG	CATTCACACGCGGGCATAACACTA
	2090	CATGTAAGGGCACGGTCGTGGGCA	TGCCCACGACCGTGCCCTTACATG
	2091	CAGGAAGCTCGCTCCGTGATGCAC	GTGCATCACGGAGCGAGCTTCCTG
5	2092	CCTGCTGATAGCAACCTCACTGCA	TGCAGTGAGGTTGCTATCAGCAGG
	2093	ACTACGAGGGCAGGGTCTAGGCG	CGCCTAGACCCTGCCCCTCGTAGT
	2094	CATAATGTGGGTGCTGACGCCGAT	ATCGGCGTCAGCACCCACATTATG
	2095	TAGCGAATCCACACAGAGCCGCTC	GAGCGGCTCTGTGTGGATTCGCTA
	2096	TCGCGAAATCCCTAAATCCTGTGC	GCACAGGATTTAGGGATTTCGCGA
10	2097	TGGCACGAATCAAGCCACCAACTC	GAGTTGGTGGCTTGATTCGTGCCA
	2098	GCGGACCGTCTTTGCTATCTGACG	CGTCAGATAGCAAAGACGGTCCGC
	2099	AGGCCCGCCTTGTAATTGGTCAT	ATGACCAATTACAAGGCGGGGCCT
	2100	CTGGTCCCATACGCCGCTGACTAG	CTAGTCAGCGGCGTATGGGACCAG
	2101	TGCTAACTGCGGCCCTACAGAGTC	GACTCTGTAGGGCCGCAGTTAGCA
15	2102	TGGTTTTATGTTCGGTAGCGTCCG	CGGACGCTACCGAACATAAAACCA
Particular Control of	2103	AGCTCAAACTTCTCCCACGGGATG	CATCCCGTGGGAGAAGTTTGAGCT
Special for company of the company o	2104	CGCGAAGATAGTGAAATCCGCATC	GATGCGGATTTCACTATCTTCGCG
State of the state	2105	GAGTGAAACCTCTCGCGGGTTGCA	TGCAACCCGCGAGAGGTTTCACTC
Summer Su	2106	TCGAATGCTCTGCAGTGACGTCAA	TTGACGTCACTGCAGAGCATTCGA
20	2107	AGGTGGCAATGATCGACGACCCTG	CAGGGTCGTCGATCATTGCCACCT
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2108	GTCCGGAGCCGTGCAAAGCAATAA	TTATTGCTTTGCACGGCTCCGGAC
	2109	CTTTTGGGGATTAGAGGCCGACAA	TTGTCGGCCTCTAATCCCCAAAAG
AND PARTIES AND	2110	GGCATAAAGGCTTCCGTTCCTGTC	GACAGGAACGGAAGCCTTTATGCC
Authorities B. S. At B. S. At Constitutions	2111	GCGGACCGTAAAGCGGGCAGATAG	CTATCTGCCCGCTTTACGGTCCGC
25	2112	TTTCAAGAGTGCATCGAATCCACG	CGTGGATTCGATGCACTCTTGAAA
	2113	CCGGCATCCCTTCTCGCTGTTGCC	GGCAACAGCGAGAAGGGATGCCGG
A PARTY OF THE PARTY OF T	2114	ACACAGAGACGCGAACGGAGTGCA	TGCACTCCGTTCGCGTCTCTGTGT
	2115	AGCGGCATTCTCCCACTCGTTACT	AGTAACGAGTGGGAGAATGCCGCT
	2116	GGAGCGTACTGCGCCTCGCAAGTC	GACTTGCGAGGCGCAGTACGCTCC
30	2117	AAACCCGAATGACACGGCAGATAA	TTATCTGCCGTGTCATTCGGGTTT
	2118	AACCAGCGGATCGATAAAACGACA	TGTCGTTTTATCGATCCGCTGGTT
	2119	GGTGTCCACCCGTTAACGCCGGTA	TACCGGCGTTAACGGGTGGACACC
	2120	AGCGCGACGTGGCTTGCCGTTAAA	TTTAACGGCAAGCCACGTCGCGCT
-	2121	TCCCACGGCTATAGGTCCAACGAC	GTCGTTGGACCTATAGCCGTGGGA
35	2122	ATCAACGAACGATGCCGTTAGGTG	CACCTAACGGCATCGTTCGTTGAT
	2123	GAGGCTAAGCCGTATGGCCGAGGC	GCCTCGGCCATACGGCTTAGCCTC
]	2124	ACGGTCCGAAATGGTTAGAGGCAC	GTGCCTCTAACCATTTCGGACCGT
1	2125	ACGCAAACCATTCCTCGAGTAGGC	GCCTACTCGAGGAATGGTTTGCGT
	2126	TTACACGCTCGCTATTGGGCCATA	TATGGCCCAATAGCGAGCGTGTAA
40	2127		CCGGCGTTCTAAACCCGTGCCGAG
Ĺ	2128	ATTCGGTAAGGTATCGGGCTAGCG	CGCTAGCCCGATACCTTACCGAAT

	2129	AGCACACCGTTATACATGACGGCG	CGCCGTCATGTATAACGGTGTGCT
	2130	AGTCCCTGCCGTTCGCTCATGGAA	TTCCATGAGCGAACGGCAGGGACT
	2131	GGGCTTATGACCAGTCAGGTTGGA	TCCAACCTGACTGGTCATAAGCCC
	2132	GGTCACCACACGAGTGCCTGGTCT	AGACCAGGCACTCGTGTGGTGACC
5	2133	TTGATCGTGTCTCCCGAAACCCTC	GAGGGTTTCGGGAGACACGATCAA
	2134	ATTGTCGCGATCGGCATTTCTTAA	TTAAGAAATGCCGATCGCGACAAT
	2135	GGGTCCAACGACTTCTCGCTGCTG	CAGCAGCGAGAAGTCGTTGGACCC
	2136	CAAATTCCTTGGGGGCCATAGTGG	CCACTATGGCCCCCAAGGAATTTG
	2137	CCAGAGTATCCGCCGTTAGACGGT	ACCGTCTAACGGCGGATACTCTGG
10	2138	TCCTGCAGATCATCTCGTGTCTGG	CCAGACACGAGATGATCTGCAGGA
	2139	TGCGGGAGATTTGAACAAGCTGTA	TACAGCTTGTTCAAATCTCCCGCA
	2140	TTAGACGCCGAGCTAGGCAACGTC	GACGTTGCCTAGCTCGGCGTCTAA
	2141	TTTCGGCAGAATCTCCGATTCAAC	GTTGAATCGGAGATTCTGCCGAAA
	2142	TGGCGAGCAGACCTACAAGACAGA	TCTGTCTTGTAGGTCTGCTCGCCA
15	2143	GGCGACAGACCGGTACATCGGCCA	TGGCCGATGTACCGGTCTGTCGCC
	2144	TCTAGACCTGCGTTTCGTGGGACC	GGTCCCACGAAACGCAGGTCTAGA
American Designation Transferration	2145	GCCGAGCGTGGTACCATACGTTCA	TGAACGTATGGTACCACGCTCGGC
Emeration in the control of the cont	2146	TAATCACACCCGCTTTCTGTGGCT	AGCCACAGAAAGCGGGTGTGATTA
7232 207-31	2147	GGCCGGAGCCATTGGACACTTCTT	AAGAAGTGTCCAATGGCTCCGGCC
20	2148	CCTGTAGACCTGCATGGATCGCTG	CAGCGATCCATGCAGGTCTACAGG
	2149	ATCGCCGTTCCCGCAAAATAAGCA	TGCTTATTTTGCGGGAACGGCGAT
	2150	TGGATCAACGGGGTAGTGAAAACG	CGTTTTCACTACCCCGTTGATCCA
ned no	2151	AAGCGACGATGCTTTCTTGAGCTG	CAGCTCAAGAAAGCATCGTCGCTT
epiteri. Element emeteri.	2152	CACGGGCACGTGTTCTACGCTTGC	GCAAGCGTAGAACACGTGCCCGTG
25	2153	ACGGCTGGGACAAGAGCTAGAAA	TTTCTAGCTCTTGTCCCAGCCCGT
	2154	GGTAACTGGCTCCGCTCTCACATC	GATGTGAGAGCGGAGCCAGTTACC
and record	2155	ACTCTGGCTGTTGGCGAACGTGAC	GTCACGTTCGCCAACAGCCAGAGT
	2156	GACCGAGGACCAGTCCTTGCTCTC	GAGAGCAAGGACTGGTCCTCGGTC
1	2157	AGTAGCTCTTGCGGCCTAACGGCA	TGCCGTTAGGCCGCAAGAGCTACT
30	2158	TTCTTGTCCTGGGGGAGAGCAGTG	CACTGCTCTCCCCCAGGACAAGAA
	2159	TTAGCAGGGAGGTTGTCGGCTCAT	ATGAGCCGACAACCTCCCTGCTAA
	2160	AGAACGTGGATTGTACGCTCCGCC	GGCGGAGCGTACAATCCACGTTCT
	2161	CTTCACAGCCTGGAGCCACCAATG	CATTGGTGGCTCCAGGCTGTGAAG
	2162	GAGATCGATGAAACGCACCAGCGG	CCGCTGGTGCGTTTCATCGATCTC
35	2163	GGGTCCAGAGTTGGTGTGGGATAA	TTATCCCACACCAACTCTGGACCC
	2164	CCGTCCACCCCAGATAGGAATCAC	GTGATTCCTATCTGGGGTGGACGG
	2165	TGCCTCGCTTCTGTGAATCTACGA	TCGTAGATTCACAGAAGCGAGGCA
	2166	GATCACAGCGTCCGCGCATAACGG	CCGTTATGCGCGGACGCTGTGATC
	2167	ATGACGCCTTACATGACGCACCTT	AAGGTGCGTCATGTAAGGCGTCAT
40	2168	GCGTGGAATAACGCCCTTAGTTCA	TGAACTAAGGGCGTTATTCCACGC
	2169	GGTCTACCATTTCTCGCCCGACCG	CGGTCGGGCGAGAAATGGTAGACC

2170	ACACCTCTCTGGCGTAGACGCTCA	TGAGCGTCTACGCCAGAGAGGTGT
2171	GTAGAGGTGCTCAGGACTCGTCGC	GCGACGAGTCCTGAGCACCTCTAC
2172	GTAAGCAGGAGGCGAAGGCGCGAA	TTCGCGCCTTCGCCTCCTGCTTAC
2173	TCTAAGGGCCGTTTCAATCGACCT	AGGTCGATTGAAACGGCCCTTAGA
2174	AACCTGATTTCAGGGTCAGCCCGA	TCGGGCTGACCCTGAAATCAGGTT
2175	GTCACGCGATTGGCCCACCTATTA	TAATAGGTGGGCCAATCGCGTGAC
2176	ACGATGCCGCGCATGTAACCTAGT	ACTAGGTTACATGCGCGGCATCGT
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2178	GCATATCTCGCGGTGACAGACGAA	TTCGTCTGTCACCGCGAGATATGC
2179	GACCCAACGTCGAAATTGTGCGAT	ATCGCACAATTTCGACGTTGGGTC
2180	TGAAAATCGGGGCATCTAGTTTGG	CCAAACTAGATGCCCCGATTTTCA
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2183	CCTGTCTGTCGAGCCAGCGTCTAT	ATAGACGCTGGCTCGACAGACAGG
2184	TCAGCGCGGCTAAACAAGTTATGC	GCATAACTTGTTTAGCCGCGCTGA
2185	ACGCCTACGAACGACCCAAGAGAG	CTCTCTTGGGTCGTTCGTAGGCGT
2186	TGCGCATCTACCATTGTGTGGATC	GATCCACACAATGGTAGATGCGCA
2187	AAGTCCGCGCTCGCTCCTGTAATA	TATTACAGGAGCGAGCGCGGACTT
2188	GCTGGGTCATTGCTCGAGTAACCA	TGGTTACTCGAGCAATGACCCAGC
2189	TGGAGCGTTCTGGCAATGACCGAC	GTCGGTCATTGCCAGAACGCTCCA
2190	CAAGTCAATTCTTGGCCAATTCGG	CCGAATTGGCCAAGAATTGACTTG
2191	CGTTCATGCAAGGATCCCAGGTTA	TAACCTGGGATCCTTGCATGAACG
2192	ATGCCAATAGAAGCTGGGGATGCT	AGCATCCCCAGCTTCTATTGGCAT
2193	CCTAACTCTCCCTTGAGGCCGTTC	GAACGGCCTCAAGGGAGAGTTAGG
2194	ATCTCGGCGAAGGTTCCAAACATT	AATGTTTGGAACCTTCGCCGAGAT
2195	GCGACAGATTACGCTGCGGTTTTC	GAAAACCGCAGCGTAATCTGTCGC
2196	AAGCCCAGACGGCCAACACGTTAC	GTAACGTGTTGGCCGTCTGGGCTT
2197	TCAAGTTCAAATCACATCCCGTGG	CCACGGATGTGATTTGAACTTGA
2198	GATTGTCGTTCTGTGAGGCG	CGCCTCACAGACAGAACGACAATC
2199	ACCGAACTATGTTCCGGCATGGCA	TGCCATGCCGGAACATAGTTCGGT
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2201	CGGACGGAGTCACGTTTGTGCACT	AGTGCACAAACGTGACTCCGTCCG
2202	TAAACAAGTCGTGTGCCTTTGCCG	CGGCAAAGGCACACGACTTGTTTA
2203	TAATTACTGGCCTGTGGAGCAGGC	GCCTGCTCCACAGGCCAGTAATTA
2204	GGAGCGGCCGAATGGTGCTCTTA	TAAGAGCACCATTCGGGCCGCTCC
2205	ACTAAGCAAGGCTTGGATGTGCGT	ACGCACATCCAAGCCTTGCTTAGT
2206	GGCAGCTCAGCGGCAGTACGCTAC	GTAGCGTACTGCCGCTGAGCTGCC
2207	GCGAGGCGAATTATCCGCGGATTT	AAATCCGCGGATAATTCGCCTCGC
2208	CATACGACACACCTTGGGGTGCTA	TAGCACCCCAAGGTGTGTCGTATG
2209	TGCTTGGGCTTTAAACCCCGTTTT	AAAACGGGGTTTAAAGCCCAAGCA
2210	CCGGTTGGAAAACGCAAATATCGG	CCGATATTTGCGTTTTCCAACCGG

	2211	AAACTAGCTAGCCGCACCCGCAAG	CTTG
	2212	GTTGTTCCACCAGTGATCACGCAG	CTGC
	2213	GCCGCTGACAAGATGATCATCGTT	AACGA
	2214	CTTTCATAAAGCCAACCGATGCCC	GGGC
5	2215	CTGACTGCATCTCGAAAGCGGGTG	CACCO
	2216	ATTTCTTCGGAGAATCGGCCACGT	ACGTO
	2217	CATTTCGGGCCCTAGCTACTGCGC	GCGC
	2218	CCGATCCCGCACATCCGTATCCTG	CAGGA
	2219	TATCACCGGGAGCGTCTTATCGTG	CACGA
10	2220	TAGGGCTCGTGCACCGATTAGAGG	ССТСТ
	2221	GCGTGGCACTCGCTTGTCTAGGTA	TACCT
	2222	CTCAACGAACTCAAGGGCCGCTAC	GTAGO
	2223	AGCCTGGTATCGACCAATCCTGCA	TGCAG
	2224	TACGCGTTCTAGTTGGCCGGATCC	GGATO
15	2225	TTTATGGGTTTGTGCCTGATGGGT	ACCCA
andens	2226	GGGACCCCTAGCAACGTCACCTTA	TAAGG
and have a second of the secon	2227	CTGCCTCCCCAGGAGTCATTGGAT	ATCCA
**************************************	2228	AACCCCGCAAGACCAGTACCAATC	GATTG
20	2229	GGTCACATACGCGCTAAAAAGCGC	GCGCT
20	2230	AAATGGCTCCGACCAGTTAGGGAC	GTCCC
	2231	AACGCGGCACGCTTAAAGGTGCAT	ATGCA
2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2232	GATCGCACGCCGATTAACCTTACA	TGTAA
** ***	2233	CCTCCTGATTGGGAGTGCGGAATT	AATTC
American September	2234	CGGAGGGTAATAGGCTCCTCTGCG	CGCAG
25	2235	ACAAGAACTGGACATTACCGCGGG	CCCGC
	2236	TGTCGTCTTAAAGGCCTTTGTGCG	CGCAC
entition.	2237	GGTGACCATGTGGCGTTTTAGCTT	AAGCT
E C.	2238	CACGGTTGCGCACGGTACCAGAAC	GTTCTC
	2239	CCTTTATTGTTTGGTCCCCTGCCC	GGGCA
30	2240	GTGCGCCTGCATTCTACCGTCAAT	ATTGAC
	2241	GTTTACGTTGATGGCTTGCCGCCG	cggcg
-	2242	CCGTCGGTGGTAGGACGTGAATGT	ACATTO
	2243	TGATCGCCCCAGAATCCCTGTGCT	AGCACA
	2244	AAGCAGCCAAAAATCGGTTGCTTT	AAAGCA
35	2245	CGACGGGACTTAGTAGCAGGGCCT	AGGCC
	2246	CCGATTCGCGAAACGACCAAGTAG	CTACTT
	2247	CCACCCAACTCCAATCTTTCTCA	TGAGAA
	2248	GTGCAGTAGACGACTACCGGCGTC	GACGC
	2249	TTCGCCCATCGTATCAAGCAATTC	GAATTG
40	2250	GAATCGCGACTACCCGTCGGGTCA	
	2251	CCAGCACTCGCCATCGGTTATAAT	TGACCC
		1	ATTATA

2211	AAACTAGCTAGCCGCACCCGCAAG	CTTGCGGGTGCGGCTAGCTAT
2212	GTTGTTCCACCAGTGATCACGCAG	CTGCGTGATCACTGGTGGAACAAC
2213	GCCGCTGACAAGATGATCATCGTT	AACGATGATCATCTTGTCAGCGGC
2214	CTTTCATAAAGCCAACCGATGCCC	GGGCATCGGTTGGCTTTATGAAAG
2215	CTGACTGCATCTCGAAAGCGGGTG	CACCGCTTTCGAGATGCAGTCAG
2216	ATTTCTTCGGAGAATCGGCCACGT	ACGTGGCCGATTCTCCGAAGAAAT
2217	CATTTCGGGCCCTAGCTACTGCGC	GCGCAGTAGCTAGGGCCCGAAATG
2218	CCGATCCCGCACATCCGTATCCTG	CAGGATACGGATGTGCGGGATCGG
2219	TATCACCGGGAGCGTCTTATCGTG	CACGATAAGACGCTCCCGGTGATA
2220	TAGGGCTCGTGCACCGATTAGAGG	CCTCTAATCGGTGCACGAGCCCTA
2221	GCGTGGCACTCGCTTGTCTAGGTA	TACCTAGACAAGCGAGTGCCACGC
2222	CTCAACGAACTCAAGGGCCGCTAC	GTAGCGGCCCTTGAGTTCGTTGAG
2223	AGCCTGGTATCGACCAATCCTGCA	TGCAGGATTGGTCGATACCAGGCT
2224	TACGCGTTCTAGTTGGCCGGATCC	GGATCCGGCCAACTAGAACGCGTA
2225	TTTATGGGTTTGTGCCTGATGGGT	ACCCATCAGGCACAAACCCATAAA
2226	GGGACCCCTAGCAACGTCACCTTA	TAAGGTGACGTTGCTAGGGGTCCC
2227	CTGCCTCCCAGGAGTCATTGGAT	ATCCAATGACTCCTGGGGAGGCAG
2228	AACCCCGCAAGACCAGTACCAATC	GATTGGTACTGGTCTTGCGGGGTT
2229	GGTCACATACGCGCTAAAAAGCGC	GCGCTTTTTAGCGCGTATGTGACC
2230	AAATGGCTCCGACCAGTTAGGGAC	GTCCCTAACTGGTCGGAGCCATTT
2231	AACGCGGCACGCTTAAAGGTGCAT	ATGCACCTTTAAGCGTGCCGCGTT
2232	GATCGCACGCCGATTAACCTTACA	TGTAAGGTTAATCGGCGTGCGATC
2233	CCTCCTGATTGGGAGTGCGGAATT	AATTCCGCACTCCCAATCAGGAGG
2234	CGGAGGGTAATAGGCTCCTCTGCG	CGCAGAGGAGCCTATTACCCTCCG
2235	ACAAGAACTGGACATTACCGCGGG	CCCGCGGTAATGTCCAGTTCTTGT
2236	TGTCGTCTTAAAGGCCTTTGTGCG	CGCACAAAGGCCTTTAAGACGACA
2237	GGTGACCATGTGGCGTTTTAGCTT	AAGCTAAAACGCCACATGGTCACC
2238	CACGGTTGCGCACGGTACCAGAAC	GTTCTGGTACCGTGCGCAACCGTG
2239	CCTTTATTGTTTGGTCCCCTGCCC	GGGCAGGGGACCAAACAATAAAGG
2240	GTGCGCCTGCATTCTACCGTCAAT	ATTGACGGTAGAATGCAGGCGCAC
2241	GTTTACGTTGATGGCTTGCCGCCG	CGGCGGCAAGCCATCAACGTAAAC
2242	CCGTCGGTGGTAGGACGTGAATGT	ACATTCACGTCCTACCACCGACGG
2243	TGATCGCCCCAGAATCCCTGTGCT	AGCACAGGGATTCTGGGGCGATCA
2244	AAGCAGCCAAAAATCGGTTGCTTT	AAAGCAACCGATTTTTGGCTGCTT
2245	CGACGGGACTTAGTAGCAGGGCCT	AGGCCCTGCTACTAAGTCCCGTCG
2246	CCGATTCGCGAAACGACCAAGTAG	CTACTTGGTCGTTTCGCGAATCGG
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2248	GTGCAGTAGACGACTACCGGCGTC	GACGCCGGTAGTCGTCTACTGCAC
2249	TTCGCCCATCGTATCAAGCAATTC	GAATTGCTTGATACGATGGGCGAA
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	2252	CGAACCGTAGAACTCCGGTCGGTG	CACCGACCGGAGTTCTACGGTTCG
	2253	GCACCATGACAGAGCCCCAGGATG	CATCCTGGGGCTCTGTCATGGTGC
	2254	TGGGCTACCGCAGAATAAGGGTGA	TCACCCTTATTCTGCGGTAGCCCA
	2255	TGGCCTGTCGTGTCGAAGGAAACA	TGTTTCCTTCGACACGACAGGCCA
· 5	2256	GCCTCACCGATAGCGAGCGTTTGC	GCAAACGCTCGCTATCGGTGAGGC
	2257	GTGCGCCCGGCTAAAACGAGACA	TGTCTCGTTTTAGCCGGCGCGCAC
	2258	CCGCAGACGAGTTTCTTGTGACAG	CTGTCACAAGAAACTCGTCTGCGG
	2259	GTTCGCAATCGCGTGCTAGGAAGC	GCTTCCTAGCACGCGATTGCGAAC
	2260	TGTTGTACACATGCATCCGGTGAA	TTCACCGGATGCATGTGTACAACA
10	2261	CACTGAACACGATATAAGGGCGCG	CGCGCCCTTATATCGTGTTCAGTG
	2262	CGCGATGGTTCTTAGCAAGACGAT	ATCGTCTTGCTAAGAACCATCGCG
	2263	TACACCAAGGAAGAAATGGGGACG	CGTCCCCATTTCTTCCTTGGTGTA
	2264	CGTGCCTTGCGTTTTAGGTGCAGC	GCTGCACCTAAAACGCAAGGCACG
	2265	GTCGTTTGTCTGGGCATTAACGGC	GCCGTTAATGCCCAGACAAACGAC
15	2266	CAGGCTCTCGTTCGGTACAAACGT	ACGTTTGTACCGAACGAGAGCCTG
grader stations water to the con-	2267	CGGACACTGTTTCACCAGAACCCA	TGGGTTCTGGTGAAACAGTGTCCG
	2268	TACCCATGATGCGGAAGAGCGTA	TACGCTTCTTCCGCATCATGGGTA
20	2269	CTGTCCTTAAGCGGATGAGAACCG	CGGTTCTCATCCGCTTAAGGACAG
di nationali di na	2270	CGGGAGATGAGAACGGTTTTGTGC	GCACAAAACCGTTCTCATCTCCCG
20	2271	TAGATCGCGACTGTACTCAGGCCG	CGGCCTGAGTACAGTCGCGATCTA
The state of the s	2272	TAAAACAGTTCGCGCGACTGTCGT	ACGACAGTCGCGCGAACTGTTTTA
L	2273	CGAGGAGCTCCACATAAGCCCAAT	ATTGGGCTTATGTGGAGCTCCTCG
A TO P STATE OF THE PARTY OF TH	2274	TGGCTAGGGATGGGGAATCATCTT	AAGATGATTCCCCATCCCTAGCCA
and a second and a	2275	AGGATTGGGTGCCTGGATGCATTG	CAATGCATCCAGGCACCCAATCCT
25	2276	TGTATCTACCGGCCTGAAGCAGGT	ACCTGCTTCAGGCCGGTAGATACA
U III III III III III III III III III I	2277	TCCCTACGCGCATGACTCGCTTAC	GTAAGCGAGTCATGCGCGTAGGGA
Mary Color C	2278	TGGTCGATCACCTGTGACAGACGC	GCGTCTGTCACAGGTGATCGACCA
=	2279	TGGGGTAGTCCATGCATCAATTG	CAATTGATGCATGGACTACCCCCA
	2280	CCCTGCCAGGATTACTATTCCGGA	TCCGGAATAGTAATCCTGGCAGGG
30	2281	TCCCGCACGGGGAATTTAAGTAGA	TCTACTTAAATTCCCCGTGCGGGA
	2282	GTGATGTGCAGGAACTTCTGTCGC	GCGACAGAAGTTCCTGCACATCAC
	2283	ATTTAGGCATGCATGCGCTTCTCA	TGAGAAGCGCATGCATGCCTAAAT
	2284	TTCGGCGCTAGTGGACGCCGTCAA	TTGACGGCGTCCACTAGCGCCGAA
	2285	GAGCTTCATCTCATCAGTTCCGCG	CGCGGAACTGATGAGATGAAGCTC
35	2286	GACAACTCCACTGCTCCAATCGCA	TGCGATTGGAGCAGTGGAGTTGTC
	2287	GGCCAAGGATGGACCTTACGATGG	CCATCGTAAGGTCCATCCTTGGCC
	2288	GGTTCCGGAATTTGTCACCGCTTC	GAAGCGGTGACAAATTCCGGAACC
	2289	GCGCTGGATAGTCTGCGAGAAGCC	GGCTTCTCGCAGACTATCCAGCGC
	2290	TGAGTCCAGTGCTGCCACCATGAA	TTCATGGTGGCAGCACTGGACTCA
40	2291	TTGAATTGGGTGTCGGAGCGTTCT	AGAACGCTCCGACACCCAATTCAA
	2292	CGGCGGCAGACAATGCTTTGAAC	GTTCAAAGCATTGTCTGCCCGCCG

2293	GGGTCTGTCAAAGAGGGTGTCTGG	CCAGACACCCTCTTTGACAGACCC
2294	CTTTGTGCAAGACGAAGCACCCTT	AAGGGTGCTTCGTCTTGCACAAAG
2295	ATCGAATTCCGAGGAGGTCTCCAT	ATGGAGACCTCCTCGGAATTCGAT
2296	TCCGACCCTCAGAGTCGACTCATT	AATGAGTCGACTCTGAGGGTCGGA
2297	ATCAACGGCCACCTCCTCGCCGAG	CTCGGCGAGGAGGTGGCCGTTGAT
2298	AGCCACGGAATAATTCCGTCCACC	GGTGGACGGAATTATTCCGTGGCT
2299	GATCGCTTGCGTATCGCAAAGACT	AGTCTTTGCGATACGCAAGCGATC
2300	TCCACGCCTTACCATCAACTGCAA	TTGCAGTTGATGGTAAGGCGTGGA
2301	GCCAAGCGATAGGCCAGAACTCAG	CTGAGTTCTGGCCTATCGCTTGGC
2302	AGCGTGTGGGTCATTTTAGCACGA	TCGTGCTAAAATGACCCACACGCT
2303	GTTATGCGCGGCTTACGAGTTCGA	TCGAACTCGTAAGCCGCGCATAAC
2304	TCTGTCCACGTAACTTGCCTGCAG	CTGCAGGCAAGTTACGTGGACAGA
2305	TCGGCAGCCAATGATCATACCTCT	AGAGGTATGATCATTGGCTGCCGA
2306	TAAGCCCGATCCGGTCCTGTGTTT	AAACACAGGACCGGATCGGGCTTA
2307	ACATGGCAGACTAACAGGCCTCGC	GCGAGGCCTGTTAGTCTGCCATGT
2308	CATGGCTGCACTCTAAGTCGAACG	CGTTCGACTTAGAGTGCAGCCATG
2309	TCTTCAACCCACGCGGAACGATTG	CAATCGTTCCGCGTGGGTTGAAGA
2310	CTCGTGTCTCCAGAGGATTGTCCC	GGGACAATCCTCTGGAGACACGAG
2311	TGAAGGCATCAACCCAGAGGATTT	AAATCCTCTGGGTTGATGCCTTCA
2312	ACAGCTCGAAGGCAGCCACATTGG	CCAATGTGGCTGCCTTCGAGCTGT
2313	ACAACGAGTACCGCGACAGAAGGG	CCCTTCTGTCGCGGTACTCGTTGT
2314	ATAACCGAAAAACCAGCCTGCGAT	ATCGCAGGCTGGTTTTTCGGTTAT
2315	ACAACTCAGCACTTTCGACGTCCA	TGGACGTCGAAAGTGCTGAGTTGT
2316	CGGGTTACTGGGTATCACCAATGC	GCATTGGTGATACCCAGTAACCCG
2317	CATCGGTTATCGCTGCACGCGCGT	ACGCGCGTGCAGCGATAACCGATG
2318	GAAGGAATCCCGGATAGTCCGTGG	CCACGGACTATCCGGGATTCCTTC
2319	GCATGGTCTCAGCCAAAGAACCTG	CAGGTTCTTTGGCTGAGACCATGC
2320	AGCCTGCGACGTTTCCCGACAGAC	GTCTGTCGGGAAACGTCGCAGGCT
2321	AAGAAAGGCGCACGGGATCGATAT	ATATCGATCCCGTGCGCCTTTCTT
2322	TGTCGCGAAGCCAACTTTCAGTAA	TTACTGAAAGTTGGCTTCGCGACA
2323	GCGGCATGCAAGGTAGGTCTGGAT	ATCCAGACCTACCTTGCATGCCGC
2324	GGTGGCCATCTCCTCGAATTGCAT	ATGCAATTCGAGGAGATGGCCACC
2325	GCGTGCATAAGTTGCACATTGTGC	GCACAATGTGCAACTTATGCACGC
2326	TTGAGGTAGCGTTTTCGCGCATAT	ATATGCGCGAAAACGCTACCTCAA
2327	ATCCCACTTGTGAGAGGGCGCATT	AATGCGCCCTCTCACAAGTGGGAT
2328	CGGTCAGCGAGCAGACATCAACCT	AGGTTGATGTCTGCTCGCTGACCG
2329	GCGTATCTTCGGGTCGAACACTTG	CAAGTGTTCGACCCGAAGATACGC
2330	ATGCCATTGAACTCGCACTTTGCG	CGCAAAGTGCGAGTTCAATGGCAT
2331	CGATTCCCATCATAATGTGGGTCC	GGACCCACATTATGATGGGAATCG
2332	CAATTTGGATAATCCAGCCACGCC	GGCGTGGCTGGATTATCCAAATTG
2333	CGGCTTACCCTATGATTCCGTGCA	TGCACGGAATCATAGGGTAAGCCG

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2336 TATTIGTGGAGATCGCAAGCGCC 2336 GTCAGTGGGTTTTGAGAGCCCCCA 2337 AGGGGTCGGGAAATCTGACAAAA 2337 AGGGGTCGGGAAATCTGACAAAA 1TTTGTCAGATTTCCCGACCCCTT 2338 TCCTTGCTATCCGAAAAAAAGCAGG 2339 TTATCGGATCAAATTCGGCTTCGG 2340 TGCAGCAAGGAGTTACCCGGACTT 2341 TATACATGTCCGGAGGGCACCCA 2341 TATACATGTCCGGAGGGCACCCA 2342 TGCAAAACCGGAGGGACCCA 2343 TCGGTCTAATGCCCGGACTT 2344 ATGTCTTTGCCACCGAGCACCA 2344 ATGTCTTTGCCACCGAGCACCA 2345 TGGCGACGACCACA 2346 TGCAAACCGGAGGACCCA 2347 TGCACAACCAGGACCCA 2348 ATGTCTTTGCCACGCGCCCTTT 2345 TGGCAGGCACCCATTTCACCCGACATTAGACCGA 2346 GCGACGACCCGAGCACCA 2347 CTCAGAGAGCACCGCTTCATTCAC 2348 GCGACCACCGAGCACCCT 2349 GCAACGCAGGCTCCTATTCACCCCAGAACACCT 2349 GCAACGCAGGCACCCTAGACCC 2349 GCAACGCAGGACACCCTACCCCCCCCCCCCCCCCCCCCC	2334	GGTGGACCATGCGCTGTGGTATGA	TCATACCACAGCGCATGGTCCACC
2337 AGGGGTCGGGAAATCTGACAAAA TITTGTCAGATTTCCCGACCCCCT 2338 TGCTTGCTATCCGAAAAAAGCAGG CCTGCTTTTTCGGATAGCAAGCA 2339 TTATCGGATCAAATTCGGCTTCGG CCGAAGCCGAATTTGATCCGATAA 2340 TGCAGCAACGAGTTACCCGGACTT AAGTCCGGGTAACTCGTTGCTGCA 2341 TATACATGTCCGGAGGGGCACCCA TGGGTGCCCCTCCGGACATGTATA 2342 TGCAAAACCGGAGGATGAACCCTT AAGGGTTCATCCTCCGGTTTTGCA 2343 TCGGTCTAATGTCCACCAGACAC GTGTCTGCGTGCACACACACACACACACACACACACACAC	2335	TATTTGTCGAAGATCGCAAGCGCC	GGCGCTTGCGATCTTCGACAAATA
2338 TGCTTGCTATCCGAAAAAAGCAGG CCTGCTTTTTCGGATAGCAAGCA 2339 TTATCGGATCAAATTCGGCTTCGG CCGAAGCCGAATTTGATCCGATAA 2340 TGCAGCAACAGACTTACCCGGACTT AAGTCCGGGTAACTCGTTGCTGCA 2341 TATACATGTCCGGAGGGGGCACCCA TGGGTGCCCCTCCGGACATGTATA 2342 TGCAAAACCGGAGGATGAACCCTT AAGGGTTCATCCCGGTTTTGCA 2343 TCGGTCTAATGTCCACGCAGACAC TGGTTGCCCCTCCGGACATGTATA 2344 ATGTGTTTGCCACGCGAGACAC GTGTCTGCGTGGACATTTAGACCGA 2344 ATGTGTTTGCCACGCGACACAC GTGTCTGCGTGGACATTAGACCGA 2345 TGGCGAGGCACGGCTCTATT AATAGAGCCGTGCCTCGCCA 2346 GCGACGACCCCGAGCACTTTTACA TGTAAAAGTCGCTCGGGTCGTCGC 2347 CTCAGAGAGTCTATCCGCCCGCCCT AGGCCCCCGACTCTATT 2348 GCAACGCAGGCACTTTTACA TGTAAAAGTCGCTCGGGTCGTCGC 2349 GCAACGCAGGGACTTTTACA TGTAAAAGTCGCTCGGGTCGTC 2349 GCAACGCAGGGAATCTTACGA TCGCTCAGGACCCAGGAGATGTTC 2350 TGACTTGGGCGGACAAAAAAAACGC GCGTTCTTTTTTTCCCTGCGGTTGC 2351 AGATCATCGGGGGACAAAAAAAACGC GCGTTCTTTTTTTCCCTGCGGTTGC 2352 CCCTTCTGACGACCACAAAAAAAACGC GCGTTCTTTTTTTTCCCTCGCGTTGC 2353 TGACTTGGCGGACGCTTCATGCTA TAGCATGAAGCGTCCCGATGATCT 2352 CCCTTCTGACCGCTTAAGGCATTAA TTATGGCGTTAGCGACCACGGAAAGGAC 2354 TACCTTGGTGGTCTCCGCTTTTTT ACAAAAACCGGAACGACCACAAGGGA 2355 TCGCCGCAAAATGCTACGTGAAAA TTTTCACGGAACACCCCCACGGCTCACG 2356 GAGTGACCTAATGGCTCCCCGATTAT 2357 AAAAGAACTTGCCCCCTAATCGC CAAAAAAAACGGAAACACACACACAAGGGTA 2358 TGTTTCCCACCCCTAATCGC CAATAGGGTTGGCCAAAGTTCCTTT 2358 TGTTTTCCACCCCTAATCGC CCATTAGGGCAAAACAC 2359 CAATGGGTTTCATAACGGCAACAC 2359 CAATGGGTTTCATAACGC GCCATTAGGCCAAAACCC 2361 CGTCATGCGGTCCGAACTCTCTC CAGAGGGAACCCCTCGGACAAACC 2362 CCACACGGGCACGAGGAAAAAAAACCAACAAGAGGCTCCCTTTC CAGAGGGACCCCTTTGTGTTGTTTGTTAGGCC 2361 CGTCATGCGGTCCGAGGAAAACA 2364 TGCTTCCACCCTATTCGC CATAGGGTTGGCCAAGTTCTTT 2362 CAATGGGTTTCATAAGGGCAAGCAC TGCCTCCCTTTGTGTTGTTTAGGCC 2361 CGTCATGCGGTCCGAGGACAAACACACACACAAGGGAACACACCCCACTGCCCCTTATGAAACCCATTGC 2362 CCACACGGGCACGAGGACAAACACACCCCCTCCCTTGGCCCGTTTGTTGTTGTTTGT	2336	GTCAGTGGGTTTTGAGAGCCCGCA	TGCGGGCTCTCAAAACCCACTGAC
2339 TTATCGGATCAAATTCGGCTTCGG CCGAAGCCGAATTTGATCCGATAA 2340 TGCAGCAACGAGTTACCCGGACTT AAGTCCGGATAATTCGTTGCTGCA 2341 TATACATGTCCGGAGGGGCACCCA TGGGTGCCCCTCCGGACATGTATA 2342 TGCAAAACCGGAGGATGAACCCTT AAGGGTTCATCCTCCGGTTTTGCA 2343 TCGGTCTAATGTCCACGCAGACAC 2344 ATGTGTTTGCCACGCGAGCACAC 2345 TGGGCAGCACCGCTCCTATT AATAGGAGCCGTGGCAAACACAT 2346 GCGACGCCCGAGCGACTTTTACA TGTAAAAGCCGCTGGCACACCCCACGGCCCCCCACGACACAC 2347 CTCAGAGAGTCTATCCGGCCCCCT AGGGCCCCGGACTCTGGC 2348 GGAACATCTCCTGGGGTCCCTCAGA TCTGAGGGACCCCGGAGACACCT 2349 GCAACGCAGGGAACACACT TCGAGGGACCCCAGGAGATGTTCC 2350 TGACTTGGGCGGACCATAA TCAGCAGACCCCCAGGACATGTCC 2351 AGATCATCGGGCACCATAA TAGCACACACACT 2352 CCCTTCTGACCGCTTCATGCTA TAGCATGAACACGTCCCGATGACC 2353 CGTGAGCCGTGCGTTCATGCTA TAGCATGAGACGCTCCCCATGACC 2354 TACCTTGGTCGTCCTCTGTA TAGCATGAGACGTCCCGATGATCT 2355 TCGCCGCAAAATGCACTCTTTTTTTT ACAAAACCCGCACGGCTCACG 2356 GAGGACCTAACGCCCATAA TTATGGCCTTTAGCGGTCACACACACACACACACACACAC	2337	AGGGGTCGGGAAATCTGACAAAA	TTTTGTCAGATTTCCCGACCCCCT
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2341 TATACATGTCCGGAGGGGCACCCA TGGGTGCCCTCCGGACATGTATA 2342 TGCAAAACCGGAGGATGAACCCTT AAGGGTTCATCTCCCGGTTTTGCA 2343 TCGGTCTAATGTCCACGCAGACAC GTGTCTGCGTGGACATTAGACCGA 2344 ATGTGTTTGCACGCGAGCAC GTGTCTGCGTGGACAATAGACCGA 2345 TGGCGAGGACCGGCTCCTATT AATAGGAGCGGTGGCAAACACAT 2345 TGGCGAGGCACGGCTCCTATT AATAGGAGCGGTGCCTCGCCA 2346 GCGACCGACCCGAGGCACTTTTACAC TGTAAAAAGTCGCTCGGGTCGCC 2347 CTCAGAGAGTCTATCCGGCGCCCCT AGGGCCCCGAGAGACTCTCTGAG 2348 GGAACATCTCCTGGGTCCCTCAGA TCTGAGGGACCCAGGAGATGTTCC 2349 GCAACGCAGGGAACACTTTACGA TCTGAGGGACCCAGGAGATGTTC 2350 TGACTTGGGCGACCCTAGA TCGAGGAGCCCAGGAGATGTTC 2351 AGATCATCGGGACCCTTCATGCTA TAGCATGAACCCCCAGGTCAC 2352 CCCTTCTGACCGCTAAGGCCATAA TTATGGCCTTAGCGGTCACC 2353 CGTGAGCCGTGAGGCCATAA TTATGGCCTTAGCGGTCACC 2354 TACCTTGGTCCTCCCGCTTTTTT TACAGAGACACCCCACGGCTCACG 2355 TCGCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCACCAAGGGT 2356 GAGTGACCTAATGGCTCCCGCTTTTT ACAGAGACACCCCACGGCTCACG 2357 AAAGGAACTTGGCCAACCCTATGG CCATAGGGTCACTTTTCCCGCCCAAGTCAC 2358 TGTTTTCGCACCCCAACCCTATGG CCATTAGGTCACTTTTCCCGCCCAAGTCACTTTTCCAGCGAAAAACCACCCCACGGCTCACCCCACGCAACCCCCAAGCCCCACGCAACACCCCAAGCCCCCACGCAACCCCTATGG CAATAGGCACCCCACGCGAAAACAC 2359 CAATGGGTTTCATAAGGGCAGCACCAACCCTTTTCCCGCCTTATGAGTCACTTCCCCGCTTTTTCCAGCCCAACCCCTAATCCC CAAGAGCACCCCAAGCCCCATTAGCCCAACCCCTATGC CAATAGGGTGGCCAAAACACCCCAAGCCCCAACCCCTTTTCCCACCTTTAGATCCCCTTTCTTT	2339	TTATCGGATCAAATTCGGCTTCGG	CCGAAGCCGAATTTGATCCGATAA
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TCGGTCTAATGTCCACGCAGACAC 2344 ATGTGTTTGCCACGCAGACAC 2345 TGGCGAGGCACCCTATT AATAGGAGCGCGTGGCAAACACAT 2345 TGGCGAGGCACGCGCTCTATTCACA 2346 GCGACGACCCGAGCGACTTTACA 2347 CTCAGACAGTCTACTCCGGCGCCCT 2347 CTCAGACAGTCTACCGGCGCCCT 2348 GGAACATCTCCTGGGTCCCTCAGA 2349 GCAACGCAGGACTTTACA 2349 GCAACGCAGGGAACTATTAGCGA 2349 TGACTTGGGCGAAACACAC 2350 TGACTTGGGCGAAACACAC 2351 AGATCATCGGGACACAAACACC 2351 AGATCATCGGGACCCTTAGCTA 2352 CCCTTCTGACCGAACACACACC 2353 CGTGAGCCGTAAGGCCATAA 2354 TACCTTGGTCCTCAGA 2355 TGGCCGCAAAATGCTACTGTA 2356 TACCTTGGTCCTCCGCTTTTTT ACAAAAGCGGAGACCCCAAGGAACAC 2357 AAAGGAACTTGCCGCTTTTTTT ACAAAAGCGGAGACCCAAGGAACGTACACACCCCAAGGTACTC 2358 TCGCCGCAAAATGCTACGTGAAAA 2359 TTTTCACGTACCTACTCTTACCTACACACACACACACCCCACGCTCACCACACACA	2341	TATACATGTCCGGAGGGGCACCCA	TGGGTGCCCCTCCGGACATGTATA
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2346 GCGACGACCGAGGGACTTTTACA 2347 CTCAGAGAGTCTATCCGGCGCCCT AGGGGCCCGGATAGACTCTCTGAG 2348 GGAACATCTCCTGGGTCCCTCAGA 2348 GGAACATCTCCTGGGTCCCTCAGA 2349 GCAACGCAGGGAAGTACTTAGCGA 2349 TGCATAGGCGTGCCCTCAGA 2350 TGACTTGGCGGACAAAGAAACGC 2351 AGATCATCGGGACCATAGGCCATAGTCTTTTGTCCGCCCAAGTCA 2351 AGATCATCGGGACCGTTCATGCTA 2352 CCCTTCTGACCGCTAAGGCCATAA 2353 CGTGAGCCGTGAGGCCATAA 2354 TACCTTGGTCGTCTCTGTA 2355 TCGCCGCAAAATGCTCCGCTTTTGT 2356 GAGTGACCTAAGGCCATAA 2357 AAAGGAACCCCCACGGCTCACG 2358 TGTGTTACGCTACCGAAAA 2359 CAATGGTCACCCACCTAATGCCCAACTC 2350 TCGCCGCAAAATGCTCCGACT 2351 AGATCATCGGCAACCCTATGG 2352 CCCTTCTGACCGCTAAGGCCATAA 2353 CGTGAGCCGTGGGGTGTCTCTGTA 2354 TACCTTGGTCGTCTCCGCTTTTGT 2355 TCGCCGCAAAATGCTCCGCTTTTGT 2356 GAGTGACCTAATGGCTGCCCGACT 2357 AAAGGAACTTGGCCCAACCCTATGG 2358 TGTTTTCGCACTCACCTAATCGC 2359 CAATGGGTTTCATAAGGCCAGCCA 2359 CAATGGGTTTCATAAGGCCAGCCA 2360 GCCTAACACAAAGGGTCCCTCTG 2361 CGTCATGCGGTCCCGAGTC 2362 CCACACGGGCACGAGATAATTCT 2363 CATCAGACATAAGGCCAGGAACCACCTATGGCCAACCCTTAGGCCCCTTTGTGTTTAGAACCCATTG 2363 CATCAGACATAGGTCGAGCACCCTTTG 2364 AGATGAACCAAGAGGTCCCTCTG 2365 GCCTACCCATAGGCTCCAGCACCCTATACTCCTTGCACCCCTTTGTGTTTAGACCCATTGCCCACACACA	2344	ATGTGTTTGCCACGCGCTCCTATT	AATAGGAGCGCGTGGCAAACACAT
2346 GCGACGACCCGAGCGACTTITACA TGTAAAAGTCGCTCGGGTCGCC 2347 CTCAGAGAGTCTATCCGGCGCCCT AGGGCGCCGATAGACTCTCTGAG 2348 GGAACATCTCCTGGGTCCCTCAGA TCTGAGGACCCAGGAGATGTTCC 2349 GCAACGCAGGGAAGTACTTAGCGA TCGCTAAGTACTTCCCTGCGTTGC 2350 TGACTTGGGCGGACAAAGAAACGC GCGTTTCTTTGTCCGCCCAAGTCA 2351 AGATCATCGGGACGCTTCATGCTA TAGCATGAAGCGTCCCGATGATCT 2352 CCCTTCTGACCGCTAAGGCCATAA TTATGGCCTTAGCGGTCAGAAGGG 2353 CGTGAGCCGTGGGGTGTCTCTGTA TACAGAGAACACCCCACGGCTCACG 2354 TACCTTGGTCGTCTCCGCTTTTGT ACAAAAGCGGAACCACCAAGGTA 2355 TCGCCGCAAAATGCTCCGCTTTTGT ACAAAAGCGAGACCACCAAGGTA 2356 GAGTGACCTAATGGCTGCCCGACT AGTCAGCATTTTCACGTAGACACACCAAGGTA 2357 AAAGGAACTTGGCCAACCCTATGG CCATAGGGTTGGCCAAGTTCTTT 2358 TGTTTTCGCACTCCACCTAATCGC GCGATTAGGTCGCAAAACA 2359 CAATGGGTTCATAAAGGGCAGCA TGCCTGCCCTTATGAAACCCATTG 2360 GCCTAACACACAAGGGTCCCTCTG CAGAGGGACCCCTTTTTGTAGAACCCATTG 2361 CGTCATGCGGTCCGAGGAAAATTCT CAGAGGGACCCCTTGTGTTTAGGC 2362 CCACACGGGCACGAGATAATATCT AGATATTACTCCGTGCCGTTGGGCAACGC 2363 CATCAGACATAGTCGCGTGCCGAA 2364 AGATGAAACCAAGGGTCCCTCTG CAGAGGGACCCTTTGTGTGTTAGGC 2365 GCCTAACACACAGGGTCCCTCTG CAGAGGGACCCTTTGTGTTTAGGC 2366 GCTTAGAAACCAAGGGTCCCTCTG CAGAGGGACCCTTATGTCTGATG 2367 TGTGTTACGGCGAGAGAACACACCCTAGCC 2368 GGCTTACAAACCAAGGGTCCCTCTG CTGCCCTTTGTTTCATCT 2369 TGATAAAACCAAGGGTCGCTCAGCACCAC 2360 GCTAACACAAGGGTCCCTCGACCCAAGCC 2361 TGTGTTACGGCGAACCACACCCCTAAGCC 2362 CCACACGGGCACCAAGACCACCCCTAGCCAAGCC 2363 CATCAGACATAGGTCTCCACCACACCCCAAGCC 2364 AGATGAAACCAAGGCTCAACACCCCAAGCC 2365 GGCTACCCATAGGCTCAACAGCC 2366 GGCTTGTGAGGGTGTTCTCGAC 2367 TGTGTTACGGCGAATGCAACAGTC 2368 GGCTTACCAAAGGCTCAACAGCC 2369 TGATAAAACCAAGGCTCCAACGCC 2367 TGTGTTACGGCGAATGCAACAGTC 2368 CGATAACAGGTCCGCGCATTACTA 2370 AATTGTCACAGCACCCCTTACTA 2371 GCAATGTCTCACCAGCGCA CCGCCGTGCAGACCCCTTTATCACAACCC 2372 GGCATACCGATCCCAGGCGAACCCCTTTATCC 2373 GGCATACCAAACCCTTGGCCGCC 2373 GGCATACCAACCCTTGCACCCCCTCAACCCC 2373 GGCATACCAACCCTTGCACCCCCTCAACCCCCCCCCCCC	2345	TGGCGAGGCACGGCTCTAATTCGG	CCGAATTAGAGCCGTGCCTCGCCA
2347 CTCAGAGAGTCTATCCGGCGCCCT AGGGCGCCGATAGACTCTCTGAG 2348 GGAACATCTCCTGGGTCCCTCAGA TCTGAGGACCCAGGAGATGTTCC 2349 GCAACGCAGGGAAGTACTTAGCGA TCGCTAAGTACTTCCCTGCGTTGC 2350 TGACTTGGGCGGACAAAGAAACGC GCGTTTCTTTGTCCGCCCAAGTCA 2351 AGATCATCGGGACGCTTCATGCTA TAGCATGAAGCGTCCCGATGATCT 2352 CCCTTCTGACCGCTAAGGCCATAA TTATGGCCTTAGCGGTCAGAAGGG 2353 CGTGAGCCCTGGGGTGTCTCTGTA TACAGAGACACCCCCACGGCTCACG 2354 TACCTTGGTCGTCCCGCTTTTGT ACAAAAGCGGAGACCACAAGGTA 2355 TCGCCGCAAAATGCTACGTGAAAA TTTCACGTAGCATTTTGCGGCGA 2356 GAGTGACCTAATGGCTGCCCGACT AGTCGGCAGACCAAGGTA 2357 AAAGGAACTTGGCCCAACCTATGG CCATGAGGTTGCCCTTT 2358 TGTTTTCGCACTCCACCTAATCGC CCATGAGTGGCCAAACACA 2359 CAATGGGTTCATAAGGCAGGCA TGCCTGCCCTTATGAAACCATTG 2360 GCCTAACACACAAGGGTCCCTCTC CAGAGGGACCCTTGTGTTAGGCC 2361 CGTCATGCGGTCCGAGGATCGATC GATCGACCCTTGTGTTAGGC 2362 CCACACGGGCACGAGATAATATCT CAGAGGACCCTTTGTTAGGC 2363 CATCAGACATAGGTCGCCGAC TCGCCCTTTTTGTAAACCCATTG 2364 AGATGAAACCAAGGGTCCCTCTC CAGAGGGACCCTTTGTTAGGC 2365 CATCAGACATAGGTCCGACC GATCATCCCGGCCCGTTGGG 2361 CGTCATGCGGTCCGAGGATCGATC GATCGATCCTCGGACCGCATGACC 2362 CCACACGGGCACGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCTCCGA TCGCCACGCGCCCCTTGTGTTTCATCT 2365 GGCTAACCACAAGGGAGACCAGC GTGCTCTCCCTTTGGTTTCATCT 2366 GGCTTACCCATAGGCTCAGCACAC GTGCTCTCCCTTTGGTTTCATCT 2367 TGTGTTACGGCGAATGCAACACAC 2368 CGATAACACAAGGGTGTTTCTCGAC GTCCGACCCCTATGGTTTCATCT 2369 TGATAAAGTGAGGCTCCAGCGCA TCGCGCCGCACCTATGTCTTATCA 2360 TGTGTTACGGCGAATGCAACAGTC GACTGTTTCACCACACACA 2361 TGTGTTACGGCGAATGCAACAGTC GACTGTTTCATCT 2362 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCCCGTAACACA 2363 CATCAGAACACACGCCCGCTTACTA TAGTACCGCCGAACCCTTTTATCA 2364 AGATGAAACCAAGGGCAGCCTTACTATATCT TAGTAACCGCCGAACCTTTTATCA 2365 GGCTAACACAAGGCCCGCGCCGTTACTA TAGTCACCAAGCC 2367 TGTGTTACGGCGAATCCACCAGCCC 2367 TGTGTTACGGCGAATCCACCAGCCC 2367 TGTGTTACGGCGAATCCACCAGCCC 2367 TGTGTTACGGCGAATCCACCAGCCC 2367 TGTGTTACGGCAACACACCCCTCACAAGTC 2368 CGATAACAGGTCGCCCGTTACTA TAGTAACCGGCCGAACCTTTTATCA 2370 AATTGTCACAACACAGTCCACCAGCCCCCCTGGTACACACCCCCCCGTTGACACATTTCC 2373 GGGCTCAAACCCAGCGTGGCCCCT AGCCCACGCTGGTTTACCG	2346	GCGACGACCGAGCGACTTTTACA	
2349 GCAACGCAGGGAAGTACTTAGCGA 2350 TGACTTGGCGACAAAAGAAACGC 2351 AGATCATCGGGACGCTTCATGCTA 2352 CCCTTCTGACCGCTAAGGCATAA 2353 CGTGAGCCGTGGGGGTGTCTCTGTA 2354 TACCTTGGTCGTCTATTATAGCGAACGCCCCAAGGCTAACCCCCCACGGCTCACCCCCAAGGCACCCCTCGGTGACCCCCAAGGCACCCCCACGGCTCACGCCCAAGGCACCCCCACGGCTCACGCCCAAGGCACCCCCACGGCTCACGCCCAAGGCACCCCCACGGCTCACGCCCAAAAACGCCCCCACGGCTCACGCCCAAAAACCCCCCACGGCTCACGCCCAAAAACCCCCCACGGCTCACGCCCACGCTCACCCCAAAAACCCCCCACGGCTCACCCCACGGCTCACCCCAAAAACCCCCAAAAACCCCCCACGGCTCACCCCACGGCTAAAAACCCCCCAAAAACCCCCAAAACCCCCAAAACCCCCAAAA	2347	CTCAGAGAGTCTATCCGGCGCCCT	
2349 GCAACGCAGGGAAGTACTTAGCGA TCGCTAAGTACTTCCCTGCGTTGC 2350 TGACTTGGGCGGACAAAGAAACGC GCGTTTCTTTGTCCGCCCAAGTCA 2351 AGATCATCGGGACGCTTCATGCTA TAGCATGAAGCGTCCCGATGATCT 2352 CCCTTCTGACCGCTAAGGCCATAA TTATGGCCTTAGCGGTCAGAAGGG 2353 CGTGAGCCGTGGGGTGTCTCTGTA TACAGAGACACCCCACGGCTCACG 2354 TACCTTGGTCGTCTCCGCTTTTGT ACAAAAGCGGAGACCAAGGTA 2355 TCGCCGCAAAATGCTACGTGAAAA TTTCACGTAGCATTTTGCGGCGA 2356 GAGTGACCTAATGGCTGCCCGACT AGTCGGCAGACCAAGGTA 2357 AAAGGAACTTGGCCAACCCTATGG CCATAGGGTTGGCCAACCCTATGG 2358 TGTTTTCGCACTCCACCTAATCGC GCGATTAGGTCACTC 2359 CAATGGGTTTCATAAGGGCAGGCA TGCCTGCCCTTATGAAACCATTG 2360 GCCTAACACACAAGGGTCCCTCTG CAGAGGGACCCTTGTGTGTTAGGC 2361 CGTCATGCGGTCCGAGGATCATTCT CAGAGGGACCCTTGTGTGTTAGGC 2362 CCACACGGGCACGGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCGCGAA TCGCCCCTTATGATCACCACATGGC 2364 AGATGAAACCAAGGGAGCACCCTCACCACCTATGCCCGTGCCCGTGTGG 2365 GGCTACCCATAGGCTCCGCAACCCAAGCACCCTTAGTCTACTC 2366 GGCTTGTGAGGGTTGTTCTCGAC GTCGAGACCCCTATGTCTGATG 2367 TGTGTTACGGCGAAGACACACGCCCACCCCACCACACACA	2348	GGAACATCTCCTGGGTCCCTCAGA	TCTGAGGGACCCAGGAGATGTTCC
2351 AGATCATCGGGACGCTTCATGCTA 2352 CCCTTCTGACCGCTAAGGCCATAA 2353 CGTGAGCCGTGAGGTCTTTTATAGGCCTTAGCGGTCAGAAGGG 2354 TACCTTGGTCGTCTCCGCTTTTGT 2355 TCGCCGCAAAATGCTACGTGAAAA 2355 TCGCCGCAAAATGCTACGTGAAAA 2356 GAGTGACCTAATGGCTGCCCGACT 2357 AAAGGAACTTGGCCAACCCTATGG 2358 TGTTTCGCACTCACCTATGG 2358 TGTTTCGCACTCACCTAATCGC 2359 CAATGGGTTTCATAAGGGCAGCCCTTAGGAAAACA 2359 CAATGGGTTTCATAAGGGCAGCA 2360 GCCTAACACACAGAGGTCCCTCTG 2361 CGTCATGCGGTCCGAGGATCAATCCT 2362 CCACACGGCACCACCTTATCG 2363 CATCAGACACAGAGGTCCCTCTG 2364 AGATGAACACAGAGGACCACCTTGGACCCCTTGGACCGCATGAGCC 2365 CACCACGGCACCGAGATAATCT 2366 GCTACCACAGAGGACCACCTTGCCCCCTTTGTGTTTAGACCCACTTGGCCCACCTAATCCC 2361 CATCAGACATAGGCTCCACCTAATCCC 2362 CCACACGGCACCGAGATAATCT 2363 CATCAGACATAGGCTCCGAC 2364 AGATGAAACCAAGGGAGCACCCTTGCCCCTTTGGTTCATCT 2365 GCCTACCCATAGGCTCAGCACCCCTCCCCTTTGGTTTCATCT 2366 GCTTGTGAGGGTTGTTCTCGAC 2367 TGTGTTACGGCGAATCAACACCCCTCACAAGCC 2368 CGATAACAGGTCCCGTTACTA 2369 TGATAAAGTGAGGCTCCAGCACCCTTACTTCGCCGTAACACA 2369 TGATAAAGTGAGGCCCGTTACTA 2370 AATTGTCACCAGCGCGA TCGCCCGTGTGCCCGTTATCG 2371 GCAATGCACTCCACCAGCCGCCCCCCCCCCCCCCCCCCC	2349	GCAACGCAGGGAAGTACTTAGCGA	TCGCTAAGTACTTCCCTGCGTTGC
2351 AGATCATCGGGACGCTTCATGCTA 2352 CCCTTCTGACCGCTAAGGCCATAA TTATGGCCTTAGCGGTCAGAAGGG 2353 CGTGAGCCGTGGGGTGTCTCTGTA TACAGAGACACCCCACGGCTCACG 2354 TACCTTGGTCGTCTCCGCTTTTGT ACAAAAGCGGAGACGACCAAGGTA 2355 TCGCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCATTTTGCGGCGA 2356 GAGTGACCTAATGGCTGCCCGACT AGTCGGGCAGCCATTAGGTCACTT 2357 AAAGGAACTTGGCCAACCCTATGG CCATAGGGTTGCCAAGTTCCTTT 2358 TGTTTTCGCACTCCACCTAATCGC CATAGGGTTGGCCAAGTTCCTTT 2359 CAATGGTTTCATAAGGGCAGGCA 2360 GCCTAACACACAAGGGTCCCTCTG CAGAGGGACCCTTATGAAACCCATTG 2361 CGTCATGCGGTCCGAGGATCATCC CAGAGGGACCCTTGTGTGTTAGGC 2362 CCACACGGGCACGAGTAATATCT AGATATTACTCCGTGCCCGTTGGAC 2363 CATCAGACATAGGTCGCTGCCGA 2364 AGATGAAACCAAGGGTCCCTCGACCGACCCACTTGTCTGATG 2365 GGCTACCCATAGGCTCAGCACG 2366 GGCTTGTGAGGGTCGAGCAC 2367 TGTGTTACGGCGAACACACACGCC 2367 TGTGTTACGGCGAATGCACC 2368 CGATAACAGGTCCCGTTACTA 2369 TGATAAAGTGAGGCCCGTTACTA 2370 AATTGTCACCAGCAGCAC 2371 GCAATGCGATCCACCAGCAC 2372 GGCATACCACAGCACACTTGCCGC 2372 GGCATACCACAGCACACTTGCCCGTACCACACTTCCCCTTTATCACCCCTTACCACACCC 2373 GGCATACCACAGCACCACTTCCCCTTTATCACCCCTTACCACCCCTCACACCCC 2371 GCATACACGCACCCTTACTACTACTCCCCTTACCCCTTACCCCTTACCCCTTACCCCCTTACCCCCTTACCCCCTTACCCCCTTACCCCCTTACCCCCTTACCCCCTTACCCCCC	2350	TGACTTGGGCGGACAAAGAAACGC	GCGTTTCTTTGTCCGCCCAAGTCA
2353 CGTGAGCCGTGGGGTGTCTCTGTA TACAGAGACACCCCACGGCTCACG 2354 TACCTTGGTCGTCTCCGCTTTTGT ACAAAAGCGGAGACGACCAAGGTA 2355 TCGCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCATTTTGCGGCGA 2356 GAGTGACCTAATGGCTGCCCGACT AGTCGGGCAGCCATTAGGTCACTC 2357 AAAGGAACTTGGCCAACCCTATGG CCATAGGTTGGCCAAGTTCCTTT 2358 TGTTTTCGCACTCCACCTAATCGC GCGATTAGGTGGAAAACA 2359 CAATGGGTTTCATAAGGGCAGCA TGCCTGCCCTTATGAAACCCATTG 2360 GCCTAACACACAAGGGTCCCTCTG CAGAGGGACCCTTGTGTTAGGC 2361 CGTCATGCGGTCCGAGGATCATCTC GAGAGGGACCCTTGTGTTAGGC 2362 CCACACGGGCACGGAGTAATATCT AGATATTACTCCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCGTGCCGA TCGGCACGCACCTATGTCTGATG 2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCTCCCTTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTCTCCTTGGTTTCATCT 2366 GGCTTGTGAGGGTGTTTCTCGAC GTCGAGAACACACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTGCCCGTAACACA 2368 CGATAACAGGTCGCGCGCTTACTA TAGTAACGGCCGCACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGGAGCCTCACTATCGC 2370 AATTGTCCACGGGCGCACCTTACTA TAGTAACGGCCGCACCTTATTACA 2371 GCAATGTACTGCACGCGC CGCCGTGCACAAGTC 2372 GCAATCGGTAACACTTGGTCGG 2373 GGGTCTCAAACCAGCGTGGCGA TCGCCACAAGTCCCCGTGACACATTGCC 2374 GCAATGTACCGCTAACACTTGGTCGG CCGCCGTGCAGATCCACTTTTATCACACCACTCCACAAGCCCCCCCACAAGTCCTCACAAGCCCCCCCC	2351	AGATCATCGGGACGCTTCATGCTA	
TACCTTGGTCGTCTCCGCTTTGT ACAAAAGCGGAGACCACCGAGGTA ACAAAAGCGGAGACCAAGGTA TTGCCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCATTTTGCGGCGA TCGCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCATTTTGCGGCGA TCGCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCATTTTGCGGCGA TAGGTGACCTAATGGCTGCCCGACT AGTCGGGCAGCCATTAGGTCACTC AAAGGAACTTGGCCAACCCTATGG CCATAGGGTTGGCCAAGTTCCTTT CAGTAGAAACCCAAGTTCCTTT CAGTAGGTTTCATAAGGGCAGCA TGCCTGCCCTTATGAAACCCATTG CAGAGGGACCCTTATGAAACCCATTG CAGAGGGACCCTTGTGTGTTAGGC CACACACACACAAGGGTCCCTCTG CAGAGGGACCCTTGTGTGTTAGGC CACACACGGCACGAGGATCGATC CACACACGGCACGG	2352	CCCTTCTGACCGCTAAGGCCATAA	TTATGGCCTTAGCGGTCAGAAGGG
TCGCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCATTTTGCGGCGA TCGCCGCAAAATGCTACGTGAAAA TTTTCACGTAGCATTTTGCGGCGA TCGCCGACTATGGCTGCCCGACT TCGCGCCAACCCTATGGCCCAACCCTATGGCCCAAGTTCCTTT TCGCACTCCACCTAATCGCCCCAAGTTCCTTT TCGCACTCCACCTAATCGCCCCAAGTTCCTTT TCGCACTCCACCTAATCGCCCCTATGGCCCAAGTTCCTTT TCGCACTCCACCTAATCGCCCCCTTATGGACCCCAAGTTCCTTT TCGCACTCCACCTAATCGCCCCCTTATGGACCCCAAGTTCCTTT TCGCACTCCACCTAATCGCCCCCTTATGAAACCCATTGCCCCTTATGAAACCCATTGCCCCCTTATGAAACCCATTGCCCCCTTATGAAACCCATTGCCCCCTTATGAAACCCATTGCCCCCTTGTGTGTTAGGCCCCCCCC	2353	CGTGAGCCGTGGGGTGTCTCTGTA	TACAGAGACACCCCACGGCTCACG
2356 GAGTGACCTAATGGCTGCCGACT AGTCGGCCAGCCATTAGGTCACTC 2357 AAAGGAACTTGGCCAACCCTATGG CCATAGGGTTGCCAAGTTCCTTT 2358 TGTTTTCGCACTCCACCTAATCGC GCGATTAGGTGGCAAAACA 2359 CAATGGGTTTCATAAGGGCAGCA TGCCTGCCCTTATGAAACCCATTG 2360 GCCTAACACACAAGGGTCCCTCTG CAGAGGGACCCTTGTGTTTAGGC 2361 CGTCATGCGGTCCGAGGATCGATC GATCGATCCTCGGACCGCATGACG 2362 CCACACGGGCACGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCGTGCCGA TCGGCACGCACCTATGTCTGATG 2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCCTCCCTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTGAGCCCTATGCTCT 2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGAACACACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCCTCACATTTCCACAGCC 2370 AATTGTGCACGGATCCACAGGCG CGCCGTGCAGATCCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGACACACATT 2372 GGCATATCGGTAACACTTGGTCGC 2373 GGGCTCCAACCAGCGTGGCCCT AGCGCCACGCTGTTTTCACC 2374 CCACCAACCACCTTGAACCCCACACCCCCACATTTCCCCCTTGATTCCCCCTTACAACCCCCCCC	2354	TACCTTGGTCGTCTCCGCTTTTGT	ACAAAAGCGGAGACGACCAAGGTA
AAAGGAACTTGGCCAACCCTATGG CCATAGGTTGGCCAAGTTCCTTT 2358 TGTTTTCGCACTCCACCTAATCGC GCGATTAGGTGGAGTGCGAAAACA 2359 CAATGGGTTTCATAAGGGCAGCA TGCCTGCCCTTATGAAACCCATTG 2360 GCCTAACACAAGGGTCCCTCTG CAGAGGGACCCTTGTGTGTTAGGC 2361 CGTCATGCGGTCCGAGGATCGATC GATCGATCCTCGGACCGCATGACG 2362 CCACACGGGCACGGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCGTGCCGA TCGGCACGCGACCTATGTCTGATG 2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCCTCCCTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC CTGCGTCCTCCCTTGGTTTCATCT 2366 GGCTTGTGAGGGTGTTTCTCGAC CTGCGTCCTCCCTTGGTTTCATCT CTGCTTTTTCATCT CTGCTTTTTTCATCT CTGCTTTTTTTTTT	2355	TCGCCGCAAAATGCTACGTGAAAA	TTTTCACGTAGCATTTTGCGGCGA
TGTTTCGCACTCACCTAATCGC GCGATTAGGTGGAGTGCGAAAACA CATGGGTTTCATAAGGGCAGGCA TGCCTGCCCTTATGAAACCCATTG CAGAGGGACCCTTGTGTGTTAGGC CAGAGGGACCCTTGTGTGTTAGGC CAGAGGGACCCTTGTGTGTTAGGC CAGAGGGACCCTTGTGTGTTAGGC CAGAGGGACCCTTGTGTGTTAGGC CAGAGGGACCCTTGTGTGTTAGGC CAGAGGGACCGCATGACG CAGACGGGCACGAGGATCATC CAGACGGCACGGAGTAATATCT CAGACATAGGTCGCGTGCCGA CATCAGACATAGGTCGCGTGCCGA CATCAGACATAGGTCGCGTGCCGA CATCAGACATAGGTCGCGTGCCGA CATCAGACATAGGTCGCGTGCCGA CAGCACGGACCTATGTCTGATG CAGCACGGACCCATAGGTTCATCT CAGCACCCATAGGCTCAGCAGCAC CAGCACCCATAGGCTCAGCAGCAC CAGCACCCATAGGCTCAGCAGCAC CAGCACCCATAGGCTCAGCAGCAC CAGCACCCATAGGCTCAGCAGCAC CAGCACCCATAGGCTGAACACACCCTCACAAGCC CAGCACAAGGCCCAGCACACACCCTCACAAGCC CAGCACAAGGCCCGAATGCAACAGTC CAGCACCACAGGCCGAACCCCTCACTTATCA CAGCACCACGGCGCAACCCCTCACCAGCCC CAGCACAAGTCTACCACCACCCCCCCCCC	2356	GAGTGACCTAATGGCTGCCCGACT	AGTCGGGCAGCCATTAGGTCACTC
CAATGGGTTCATAAGGGCAGCA 2360 GCCTAACACACAGAGGTCCCTCTG CAGAGGGACCCTTGTGTGTGTTAGGC CGTCATGCGGTCCGAGGATCGATC CGTCATGCGGTCCGAGGATCGATC CGTCATGCGGTCCGAGGATCGATC CGTCATGCGGTCCGAGGATCGATC CGTCATGCGGTCCGAGGATCGATC CGTCATGCGGTCCGAGGATCGATC CGACACGGGCACGGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG CATCAGACATAGGTCGCGTGCCGA CATCAGACATAGGTCGCGTGCCGA CTGCGTCCTCCCTTGGTTTCATCT CAGAGCATAGGCTCAGCAGCAC CTGCGTCCTCCCTTGGTTTCATCT CAGAGCATGGAGACCCCCTCACAAGCC CGCGTGTGTGAGGCTTCTCGAC CGCAGAACACACCCTCACAAGCC CAGAGAACACACCCTCACAAGCC CAGAGACACACCCTCACAAGCC CAGAGAACACACCCTCACAAGCC CAGAGAACACACCCTCACAAGCC CAGAGAACACACCCTCACAAGCC CAGAGAACACACCCTCACAAGCC CAGAGAACACACCCTCACAAGCC CAGAGAACACACCTTGCTATCA CAGAGACACACCTTGCACAGCC CGCCTGGAGCCTCACTTTATCA CAATTGTGCACGGATCTCACCAGCGCA CGCCGTGCAGATCCGTCACAATT CAGAATGTACTGTCACCAGTGGCGA CGCCGTGCAGATCCGTGCACAATT CGCACTGGTGACAGTACCATTGCC CGCCACCAGGTGTACCACATTGCC CAGACCAAGTGTTACCGATATGCC CCGACCAAGTGTTTACCGATATGCC CAGAGAACCACCCCCGATTTACCACAGCCC CCGACCAAGTGTTTACCGATATGCC CAGAGCCACCGTGGTTTACCGATATGCC CCGACCAAGTGTTTACCGATATGCC CCGACCACGCTGGTTTTACCGATATGCC CAGAGCCACCGCTGGTTTTACCGATATGCC CAGACCAAGTGTTTACCGATATGCC CAGACCAAGTGTTTACCGATATGCC CCGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CACCACCACGCTGGTTTTACCGATATGCC CAGACCACGCTGGTTTTACCGATATGCC CACCACCACGCTGGTTTTACCGATATGCC CACCACCACGCTGGTTTTACCGATATGCC CACCACCACGCTGGTTTTACCGATATGCC CACCACCACCACGCTGGTTTTACCGATATGCC CACCACCACGCTGGTTTTACCGATATGCC CACCACCACCACGCTGGTTTTACCGATATGCC CACCACCACCACGCTGGTTTTACCGATATGCC CACCACCACCACGCTGGTTTTACCGATATGCC CACCACCACCCCACC		AAAGGAACTTGGCCAACCCTATGG	CCATAGGGTTGGCCAAGTTCCTTT
2360 GCCTAACACACAGGGTCCCTCTG CAGAGGGACCCTTGTGTGTTAGGC 2361 CGTCATGCGGTCCGAGGATCGATC GATCGATCCTCGGACCGCATGACG 2362 CCACACGGGCACGGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCGTGCCGA TCGGCACGCGACCTATGTCTGATG 2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCCTCCCTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTGAGCCTATGTCTATCT 2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGACCACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGAGACCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACACATTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGCCACGCTGGTTTAGACCC	2358	TGTTTTCGCACTCCACCTAATCGC	GCGATTAGGTGGAGTGCGAAAACA
2361 CGTCATGCGGTCCGAGGATCGATC GATCGATCCTCGGACCGCATGACG 2362 CCACACGGGCACGGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCGTGCCGA TCGGCACGCGACCTATGTCTGATG 2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCCTCCCTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTGAGCCTATGGGTAGCC 2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGAACACACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGCACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCGCT AGCGGCCACCTGTTTAGACCCCCCCCCC	2359	CAATGGGTTTCATAAGGGCAGGCA	TGCCTGCCCTTATGAAACCCATTG
2362 CCACACGGGCACGGAGTAATATCT AGATATTACTCCGTGCCCGTGTGG 2363 CATCAGACATAGGTCGCGTGCCGA TCGGCACGCGACCTATGTCTGATG 2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCCTCCCTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTGAGCCTATGGGTAGCC 2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGAACACACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTTCGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACCTGGTTTAGCACCC	2360	GCCTAACACACAAGGGTCCCTCTG	CAGAGGGACCCTTGTGTGTTAGGC
2363 CATCAGACATAGGTCGCGTGCCGA TCGGCACGCGACCTATGTCTGATG 2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCCTCCCTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTGAGCCTATGGGTAGCC 2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGAACACACCCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACACATTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTACAACCCC		CGTCATGCGGTCCGAGGATCGATC	GATCGATCCTCGGACCGCATGACG
2364 AGATGAAACCAAGGGAGGACGCAG CTGCGTCCTCCCTTGGTTTCATCT 2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTGAGCCTATGGGTAGCC 2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGAACACACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGTGACACATT 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC	·		AGATATTACTCCGTGCCCGTGTGG
2365 GGCTACCCATAGGCTCAGCAGCAC GTGCTGCTGAGCCTATGGGTAGCC 2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGAACACACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTTCGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC	2363	CATCAGACATAGGTCGCGTGCCGA	TCGGCACGCGACCTATGTCTGATG
2366 GGCTTGTGAGGGTGTTCTCGAC GTCGAGAACACACCCTCACAAGCC 2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			CTGCGTCCTCCCTTGGTTTCATCT
2367 TGTGTTACGGCGAATGCAACAGTC GACTGTTGCATTCGCCGTAACACA 2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTACATTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			GTGCTGCTGAGCCTATGGGTAGCC
2368 CGATAACAGGTCGCGCCGTTACTA TAGTAACGGCGCGACCTGTTATCG 2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTACATTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			GTCGAGAACACACCCTCACAAGCC
2369 TGATAAAGTGAGGCTCCAGCGCGA TCGCGCTGGAGCCTCACTTTATCA 2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTACATTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			GACTGTTGCATTCGCCGTAACACA
2370 AATTGTGCACGGATCTGCACGGCG CGCCGTGCAGATCCGTGCACAATT 2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTACATTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			TAGTAACGGCGCGACCTGTTATCG
2371 GCAATGTACTGTCACCAGTGGCGA TCGCCACTGGTGACAGTTGC 2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			TCGCGCTGGAGCCTCACTTTATCA
2372 GGCATATCGGTAACACTTGGTCGG CCGACCAAGTGTTACCGATATGCC 2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			CGCCGTGCAGATCCGTGCACAATT
2373 GGGTCTCAAACCAGCGTGGCCGCT AGCGGCCACGCTGGTTTGAGACCC			TCGCCACTGGTGACAGTACATTGC
2274 CTOTOCOCCO COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCOC			CCGACCAAGTGTTACCGATATGCC
2374 GTCTCCGGGACCATTGAGCTGGAG CTCCAGCTCAATGGTCCCGGAGAC			AGCGGCCACGCTGGTTTGAGACCC
	2374	GTCTCCGGGACCATTGAGCTGGAG	CTCCAGCTCAATGGTCCCGGAGAC

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2375	GGCCTTCGGCATTCAGACGGGTTG	CAACCCGTCTGAATGCCGAAGGCC
2376	CGTGATAGGCCACAGCGCTCAATT	AATTGAGCGCTGTGGCCTATCACG
2377	GGCAGGCCCGCGAGGATGATTAAC	GTTAATCATCCTCGCGGGCCTGCC
2378	CGGGTATGGTTGATAACAGCGTGG	CCACGCTGTTATCAACCATACCCG
2379	ACGACGTCCTTGGGACCGTATTGT	ACAATACGGTCCCAAGGACGTCGT
2380	CTGATATCGAGCCTGAGCCTTTCG	CGAAAGGCTCAGGCTCGATATCAG
2381	TCCCATTGGCCTGTATGCTGGCCT	AGGCCAGCATACAGGCCAATGGGA
2382	GTGTCGTCGATTGTTTCATCGACG	CGTCGATGAAACAATCGACGACAC
2383	CGAAAGCCAGTAGCCGATTGCGTG	CACGCAATCGGCTACTGGCTTTCG
2384	GGTTCGGCTTATTCCACTGCGACA	TGTCGCAGTGGAATAAGCCGAACC
2385	AGCGAGGGCTAACTTTTTAACGCG	CGCGTTAAAAAGTTAGCCCTCGCT
2386	CGGCGCTGATGACGGGACTCGATT	AATCGAGTCCCGTCATCAGCGCCG
2387	TCACAGTGCTCGGCGTAAGGACTA	TAGTCCTTACGCCGAGCACTGTGA
2388	CCCATTACGAGCACACCATGGC	GCCATGGTGTGTGCTCGTAATGGG
2389	GGCCGCTAATCTTTACGCATCACG	CGTGATGCGTAAAGATTAGCGGCC
2390	ACGGCTTCCTAGTGTCCAGCCCTT	AAGGCTGGACACTAGGAAGCCGT
2391	CTGTCAGGTCCTACCCAATGGCTC	GAGCCATTGGGTAGGACCTGACAG
2392	CACAGCCCATCCCACTGAACTGCT	AGCAGTTCAGTGGGATGGGCTGTG
2393	ACAAACGATACACGCAACGCTGTG	CACAGCGTTGCGTGTATCGTTTGT
2394	TGGCGGCCAGCTAGCAGGCGAAGT	ACTTCGCCTGCTAGCTGGCCGCCA
2395	ATCTCGAAACGATGCGTGCCTAAA	TTTAGGCACGCATCGTTTCGAGAT
2396	ATCTCGAGAACAGCGTGCGTGCGG	CCGCACGCACGCTGTTCTCGAGAT
2397	GAAGAAATCCGCCGACATCTACGG	CCGTAGATGTCGGCGGATTTCTTC
2398	GCGGAGCAACCTTGGCTGTTTCTA	TAGAAACAGCCAAGGTTGCTCCGC
2399	CGCGTTCCGAAGACTTGTTGTTTG	CAAACAACAAGTCTTCGGAACGCG
2400	TGACCTGAAGCCCATCCATAAGCA	TGCTTATGGATGGGCTTCAGGTCA
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2403	ACCGCTTTCTGTGTAGAGCCCTGA	TCAGGGCTCTACACAGAAAGCGGT
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2407	TGACGCCCATTTCTATATGGTGCA	TGCACCATATAGAAATGGGCGTCA
2408	TGTTCCGACAGGGCACTGCTAGAC	GTCTAGCAGTGCCCTGTCGGAACA
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2414	ACCCGCGAACCGAGACGCACTTCT	AGAAGTGCGTCTCGGTTCGCGGGT
2415	TCCGTGCGATTGGTCAAGGTTGAT	ATCAACCTTGACCAATCGCACGGA

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2416	AGGGCGTCTCGGTTGAACCTCGGT	ACCGAGGTTCAACCGAGACGCCCT
2417	TGACCGTTCAAAGAGCAAGCCAAC	GTTGGCTTGCTCTTTGAACGGTCA
2418	ACACTCACCTGCTGTCCCTGCTGA	TCAGCAGGGACAGCAGGTGAGTGT
2419	GCGTTTAACTCCTTGGGTGGTGGT	ACCACCACCCAAGGAGTTAAACGC
2420	CGCCTGCGCAGGTAACTCTCCGCA	TGCGGAGAGTTACCTGCGCAGGCG
2421	AATCGAATTTCCCAGCGGCTGTTT	AAACAGCCGCTGGGAAATTCGATT
2422	AAGCAGGTGGGATCCTGGGGATCA	TGATCCCCAGGATCCCACCTGCTT
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2440	AAGGACTGGTATGGCCGGAGCTTT	AAAGCTCCGGCCATACCAGTCCTT
2441	GGACACCGCCAACCTCATAGTTGC	GCAACTATGAGGTTGGCGGTGTCC
2442	AATGGTGTTCGCCTGGACTACCAC	GTGGTAGTCCAGGCGAACACCATT
2443	TAGGAAAGCGTACACGGGAATCCG	CGGATTCCCGTGTACGCTTTCCTA
2444	TCTCACCCCAATGATGAGGACGTC	GACGTCCTCATCATTGGGGTGAGA
2445	CGTGTCCGTGTGACACTGTCCATG	CATGGACAGTGTCACACGGACACG
2446	TCCAGGCTGTTGCGGATACGGTAG	CTACCGTATCCGCAACAGCCTGGA
2447	GTAGGCAAAATGGTCGCGATCAAT	ATTGATCGCGACCATTTTGCCTAC
2448	ATCTCCGTGGACCCGATTGTGACA	TGTCACAATCGGGTCCACGGAGAT
2449	GAATATGCCGTCAACGCTATGGGC	GCCCATAGCGTTGACGGCATATTC
2450	TTCCGGAAGCGTTTGGTAACTTTG	CAAAGTTACCAAACGCTTCCGGAA
2451	TTCGATAGGAATACCAGGGCCTGG	CCAGGCCCTGGTATTCCTATCGAA
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2453	ACCTTCTGACCTGGACTTTTGGCG	CGCCAAAAGTCCAGGTCAGAAGGT
2454	GACCAATCCGCAGTTGAGCAACAG	CTGTTGCTCAACTGCGGATTGGTC
2455	TCGGCCACTCACCATGAGTGTAGG	CCTACACTCATGGTGAGTGGCCGA
2456	AGCGCTCACATGTTCGAAAACGGG	CCCGTTTTCGAACATGTGAGCGCT

	2457	TAACGCAAAGGCGCGATCCTCGCT	AGCGAGGATCGCGCCTTTGCGTTA
	2458	TGGGTGGGCCAAATATTACTGCAA	TTGCAGTAATATTTGGCCCACCCA
	2459	GTCCTCGAAAGGGGCATCCAAACA	TGTTTGGATGCCCCTTTCGAGGAC
	2460	CCCATCTGGTGGGAGGCGTTATCA	TGATAACGCCTCCCACCAGATGGG
	2461	GTGCGCGGTCTGCAAACTCGCCAT	ATGGCGAGTTTGCAGACCGCGCAC
	2462	TGTGTTGCCAACCCTAGGTCATCA	TGATGACCTAGGGTTGGCAACACA
	2463	CTGATGCTGTTCTCGTCGGTTGAC	GTCAACCGACGAGAACAGCATCAG
	2464	AAGCTGCAAAAGGTGAGCGTGGCA	TGCCACGCTCACCTTTTGCAGCTT
	2465	TCTGACGCGTGCTTGGGAGTCTAT	ATAGACTCCCAAGCACGCGTCAGA
	2466	GAATTACTTGGAGGCGCCGTGCAA	TTGCACGGCGCCTCCAAGTAATTC
	2467	GATTCTTCCCGACCTAGGTTGGCC	GGCCAACCTAGGTCGGGAAGAATC
	2468	CGCAGCGTATCCCATGTTGCTTGA	TCAAGCAACATGGGATACGCTGCG
	2469	GAGATGGAATTGTTCGCCCAAAGA	TCTTTGGGCGAACAATTCCATCTC
	2470	GATGCCTGGATCGGTCTAGCGTCA	TGACGCTAGACCGATCCAGGCATC
	2471	GCAGCGACTGCTAAGCTATCTCGG	CCGAGATAGCTTAGCAGTCGCTGC
	2472	AGGGCTAATTTACATCGCCTTGCC	GGCAAGGCGATGTAAATTAGCCCT
	2473	AAGTGCACATCCTCACGAAGCGAT	ATCGCTTCGTGAGGATGTGCACTT
	2474	TCAGGCAGCCGTAATTAAATGCGC	GCGCATTTAATTACGGCTGCCTGA
	2475	CCACTGGGGAAATCGCACTGTTGG	CCAACAGTGCGATTTCCCCAGTGG
	2476	TTGTCCAAAGCCACCTACGACAGA	TCTGTCGTAGGTGGCTTTGGACAA
	2477	TGGGCGGAATAGATTGGGTGTCTT	AAGACACCCAATCTATTCCGCCCA
	2478	TAGAATTCGCCTCTTCTAGCCGCC	GGCGGCTAGAAGAGGCGAATTCTA
	2479	CATTACTTCCTGCAGATGCGATGC	GCATCGCATCTGCAGGAAGTAATG
	2480	GGAAATGCTAGCTGGGGTAATCGC	GCGATTACCCCAGCTAGCATTTCC
	2481	GCCGCCACTTGCGAATCTACATCT	AGATGTAGATTCGCAAGTGGCGGC
	2482	ACAATAGCGGACAGCTCGCCAGAT	ATCTGGCGAGCTGTCCGCTATTGT
	2483	AGTTAGGCTCTCGGTGCGGTCCAT	ATGGACCGCACCGAGAGCCTAACT
	2484	TGGGCCTGAGAAGCGGTTAATAGG	CCTATTAACCGCTTCTCAGGCCCA
	2485	ACGCTCTGAGCGACGCCTATCGTA	TACGATAGGCGTCGCTCAGAGCGT
	2486	CCTGGTGATCGTGTCCCAGACTCA	TGAGTCTGGGACACGATCACCAGG
	2487	GCGTGTCCATTCGCTTGAGGTTTC	GAAACCTCAAGCGAATGGACACGC
	2488	ATCCTGAACGGCGATGACCACCAC	GTGGTGGTCATCGCCGTTCAGGAT
	2489	TTACGTTTCTCACCGATCAACGCC	GGCGTTGATCGGTGAGAAACGTAA
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	2491	ATCTACGATGCGGCTCGAAGTGTT	AACACTTCGAGCCGCATCGTAGAT
ļ	2492	AACCAAGACTCGTCCCCAAACGAA	TTCGTTTGGGGACGAGTCTTGGTT
		AACTGCGGTGGTGGAGGCAGGTGC	GCACCTGCCTCCACCACCGCAGTT
		TGCGATCTTCTCCACCTACAGCGC	GCGCTGTAGGTGGAGAAGATCGCA
		AGGCGCTTAGAACCGTGAAGGCAG	CTGCCTTCACGGTTCTAAGCGCCT
		TGGAAAATTTTGGGAAACGCTGGA	TCCAGCGTTTCCCAAAATTTTCCA
Į	2497	CCAGCGCCGCACCTTCTCCAATAG	CTATTGGAGAAGGTGCGGCGCTGG

2498	TAGACGGCTGGCGAATCTTACGGT	ACCGTAAGATTCGCCAGCCGTCTA
2499	TACCATACAAGAGAACGAGCCGCA	TGCGGCTCGTTCTCTTGTATGGTA
2500	GTAGCCGAGAGCAATTTTCACCGC	GCGGTGAAAATTGCTCTCGGCTAC
2501	GCAAACTCCCCTGCCCTTTAGCCT	AGGCTAAAGGGCAGGGGAGTTTGC
2502	ATCCCGCTGATAACCGCCAGGATA	TATCCTGGCGGTTATCAGCGGGAT
2503	AGTCTCAGTTCGGCGCAACGGTAG	CTACCGTTGCGCCGAACTGAGACT
2504	AACCTACAGTCGCCGCAATGCATT	AATGCATTGCGGCGACTGTAGGTT
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2508	GATTTATTGGCGCGGTAACGACCT	AGGTCGTTACCGCGCCAATAAATC
2509	TGTTTTCAGAGGCTACCCTGCCAT	ATGGCAGGGTAGCCTCTGAAAACA
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2511	GACTTGAAACCGCCTATGCCCACA	TGTGGGCATAGGCGGTTTCAAGTC
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2524	CGCAGGTAAGGCCGAGCAATGTTT	AAACATTGCTCGGCCTTACCTGCG
2525	TTGGGAACGTGCTAGGCGGCCCTC	GAGGGCCGCCTAGCACGTTCCCAA
2526	CATCTCGGCACACTGGTGCTGTAT	ATACAGCACCAGTGTGCCGAGATG
2527	ACGCGTAAATCAACGACGTGGTCG	CGACCACGTCGTTGATTTACGCGT
2528	CGTAGGTGGTAAATGTTGGCCCAG	CTGGGCCAACATTTACCACCTACG
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2536	TCGCATACTTCGTCGGCGAGTATT	AATACTCGCCGACGAAGTATGCGA
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2538	GCAGAATCGAATTGGGGTGGGTTT	AAACCCACCCAATTCGATTCTGC

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2542	CCAAGTCTTGCGTGAGCGATCCTG	CAGGATCGCTCACGCAAGACTTGG
2543	GCGAAAGTGGCTCGTATTTCTCCA	TGGAGAAATACGAGCCACTTTCGC
2544	CCTCGGGACTGTCCGACTGAAAAA	TTTTCAGTCGGACAGTCCCGAGG
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2546	GCGGCTCTGCCTACGATATTCACA	TGTGAATATCGTAGGCAGAGCCGC
2547	TGCACCTGTCTGTAGATTTGCGGT	ACCGCAAATCTACAGACAGGTGCA
2548	CATAAAGCACGGACGCGACTTGAT	ATCAAGTCGCGTCCGTGCTTTATG
2549	CCCTCAACGTAGGGCGTGACTTTC	GAAAGTCACGCCCTACGTTGAGGG
2550	GGGTCATCGTGCAGTTATGCCGTA	TACGGCATAACTGCACGATGACCC
2551	CCCGGATAATCCTTTGTCCAGCCG	CGGCTGGACAAAGGATTATCCGGG
2552	TCCGATAAGCGAACTCACATGGGT	ACCCATGTGAGTTCGCTTATCGGA
2553	CCTGCTGGTTCGGTCGTAAGCGAA	TTCGCTTACGACCGAACCAGCAGG
2554	GAGGCACCAATCGGTCTGAAAATG	CATTTCAGACCGATTGGTGCCTC
2555	TACGAAAATGGTTGCGCCGGGTCT	AGACCCGGCGCAACCATTTTCGTA
2556	AATTGCCGGAAGCAGTCAGAATCG	CGATTCTGACTGCTTCCGGCAATT
2557	CCGAATCAGCCGTATTTGCTGGAA	TTCCAGCAAATACGGCTGATTCGG
2558	CCCGCTTATCTGTACTCGATCGCA	TGCGATCGAGTACAGATAAGCGGG
2559	TTTTGGGGATCCCTATTAGGCGCA	TGCGCCTAATAGGGATCCCCAAAA
2560	AGTGACAGCGCTCACCACGGTCCC	GGGACCGTGGTGAGCGCTGTCACT
2561	CCATGAGTGTTTCGGGACATCGTA	TACGATGTCCCGAAACACTCATGG
2562	GCCACATTCTGCTACCTCCGTGTT	AACACGGAGGTAGCAGAATGTGGC
2563	TCCTGTGCTTTGTGACGTGCTAGG	CCTAGCACGTCACAAAGCACAGGA
2564	GACCGCATATACACCTGATGGGCC	GGCCCATCAGGTGTATATGCGGTC
2565	GTAGGCCCGTCGTTAACCATCTCA	TGAGATGGTTAACGACGGGCCTAC
2566	CGGCTCGCGAAATGGAGTTTAGCG	CGCTAAACTCCATTTCGCGAGCCG
2567	GCTGATCGGCTTTTCACCGCTATA	TATAGCGGTGAAAAGCCGATCAGC
2568	TATCAAATCGTTGGCACGCGACTA	TAGTCGCGTGCCAACGATTTGATA
2569	TTGGCGAGGATCCCTAGGCGTACT	AGTACGCCTAGGGATCCTCGCCAA
2570	AAGTCCTGAGGCCGTTCGGTTTCT	AGAAACCGAACGGCCTCAGGACTT
2571	ACTCCGGACATCTCGGCCAGAGAT	ATCTCTGGCCGAGATGTCCGGAGT
2572	CCAAGGGAACACAGGATCGTAGA	TCTACGATCCTGTGTTCCCCTTGG
2573	GTGGCCTAAATCCGCCTTCTCAAC	GTTGAGAAGGCGGATTTAGGCCAC
2574	CACTCCGTCTCGTCCATTAATGCG	CGCATTAATGGACGAGACGGAGTG
2575	TCAAGAACCCAGTGCCGGTCAGCA	TGCTGACCGGCACTGGGTTCTTGA
2576	GAATCAATTTTCCAGGGACGGGAC	GTCCCGTCCCTGGAAAATTGATTC
2577	ATCGGTGTGCTGGAGCGCCAGAGT	ACTCTGGCGCTCCAGCACACCGAT
2578	GCCTCTCCTATGACGATGACCCAC	GTGGGTCATCGTCATAGGAGAGGC
2579	TGGGCGCGCTTTTAAGACTACATC	GATGTAGTCTTAAAAGCGCGCCCA

2580	CGTTGGGTACCGTTCTATCAACCG	CGGTTGATAGAACGGTACCCAACG
2581	GCAGTGAGCTGGGTTCAATGCTTC	GAAGCATTGAACCCAGCTCACTGC
2582	CATCATCCACACAGGCAGGTGTGT	ACACACCTGCCTGTGTGGATGATG
2583	AGACAAAGGTCCCCATTGCGAAAT	ATTTCGCAATGGGGACCTTTGTCT
2584	ATACTCGTCGACGAGAGCGGAAA	TTTCCGCTTCTCGTCGACGAGTAT
2585	GCAGAATGTGTTGTCTTCGCAGCC	GGCTGCGAAGACAACACATTCTGC
2586	CACCATGCCTTCATCTTGGCCTAG	CTAGGCCAAGATGAAGGCATGGTG
2587	ACTCTTCAACGCCAGGTTAAGCCA	TGGCTTAACCTGGCGTTGAAGAGT
2588	GCGACCTGCGGCGTGTGTATTCTC	GAGAATACACACGCCGCAGGTCGC
2589	TCGGTGTATGCACCCTTTCTCCAT	ATGGAGAAAGGGTGCATACACCGA
2590	ACCGTCGAATCTTGCGGCCAATGT	ACATTGGCCGCAAGATTCGACGGT
2591	TAATGCATGCTCCCGGCTCACGTT	AACGTGAGCCGGGAGCATGCATTA
2592	TCTGTACACACCACGTCGTGCACA	TGTGCACGACGTGGTGTACAGA
2593	CATGGGGTTGTCAGACGACACCTA	TAGGTGTCGTCTGACAACCCCATG
2594	AATCTGATGCTCGCTGTAGGACGG	CCGTCCTACAGCGAGCATCAGATT
2595	TCGAAACCGCGGGAAAGGGTAAAA	TTTTACCCTTTCCCGCGGTTTCGA
2596	TGGGGACGGCGTCTAATCCTCC	GGAGGATTAGACGCCCGTCCCCCA
2597	AGGCATGCACCCATGCTGCCAGAG	CTCTGGCAGCATGGGTGCATGCCT
2598	TCCCAATGGCCTGTCAAGCATAAA	TTTATGCTTGACAGGCCATTGGGA
2599	GAACCTGAGCCTTTGCTAGCACGA	TCGTGCTAGCAAAGGCTCAGGTTC
2600	CGAATTGATAGCGTTACGGGCGAA	TTCGCCCGTAACGCTATCAATTCG
2601	TTGCACGCGCGCGAACGACTATTC	GAATAGTCGTTCGCGCGCGTGCAA
2602	TGCGGTGAAGCAGTCCAAGGTCAG	CTGACCTTGGACTGCTTCACCGCA
2603	TGAGGACCATCCAATGGATCGGTT	AACCGATCCATTGGATGGTCCTCA
2604	TCGGTGATTGGTAATTTGGATCCG	CGGATCCAAATTACCAATCACCGA
2605	GCGGCAGGTAGTTTGACTGGATG	CATCCAGTCAAACTACCTGCCCGC
2606	CAAGCACAAGCCCATGAAATTTCA	TGAAATTTCATGGGCTTGTGCTTG
2607	CGGTACAGCGATAGCCAAGGATA	TATCCTTGGCTATCCGCTGTACCG
2608	CCATGCTCTTCGCTGCAGCATACT	AGTATGCTGCAGCGAAGAGCATGG
2609	CGCGGCAAAGATTAATTCCCGGCG	CGCCGGGAATTAATCTTTGCCGCG
2610	GAAGACCCGTCCGGGTTTCCATAC	GTATGGAAACCCGGACGGGTCTTC
2611	CTGGCAAGGAGGATGTGGCTCGTG	CACGAGCCACATCCTCCTTGCCAG
2612	CTGTGCAGGGGGTGGCTCTGTTGA	TCAACAGAGCCACCCCTGCACAG
2613	TTCAATAATGATCACGAGGCCCCA	TGGGGCCTCGTGATCATTATTGAA
2614	TGGTGATGCGAAGCCTTACCTTTG	CAAAGGTAAGGCTTCGCATCACCA
2615	CTGCCACCATCTACGGCGCAGTCT	AGACTGCGCCGTAGATGGTGGCAG
2616	TTTGCCCAGCTCTCGCAGAAGTTA	TAACTTCTGCGAGAGCTGGGCAAA
2617	AATTCAGACGCCACATCGACGGTC	GACCGTCGATGTGGCGTCTGAATT
2618	CCGTGGTCTGCCTCGATTACCTAC	GTAGGTAATCGAGGCAGACCACGG
2619	GGCGAGGAATTTCGGAACCTTATG	CATAAGGTTCCGAAATTCCTCGCC
2620	ATCCGATGATCAGATACCGGCTGG	CCAGCCGGTATCTGATCATCGGAT

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TGTGGACCTAGAAAATTGCCAGCC 2623 GAATAATCATCGCGGTCCTCATGG CCATGAGGACCGCGATGATTATTG 2624 GGGATTGGCTCTTGGTTGGAAGAA TITCTCCAACCAAAGAGCCAATCCC 2625 ATTGTGCTTCCTGGAACTGGGAAA TITCCCAGTTCGAGGAGAA CATTATTGCTTCCAGCCCGTAGGTCAATAAT TATTTGACTTTCAGGGGAGAA TITCCCAGTTCGAGCACAATCC 2626 TGCCCCACCCCGTAAGTCAATAAT TATTTGACTTTCAGGGGTGGGCAC 2627 TCAGGACCGACGGTGCAATTTCCG CCGAAATTGCACCGTCGGGCCTCACACACACACACACACA			
2623 GAATATCATCGCGGTCCTCATGG 2624 GGGATTGGCTCTGGTTGGAAGAA 2625 ATTGTGCTTCCTCGAACTGGGAAA 2626 ATTGTGCTTCCTCGAACTGGGAAA 2626 TGCCCCACCCGTAAGTCAATAAT 2627 TCAGGACCGGCGGTGCACTTAGTG 2628 TGCCCCACCCCGTAAGTCAATAAT 2628 TGCCCCACCCGTAAGTCAATAAT 2628 TGCCCCACCCGGTGCCACTTAGTG 2629 CCAGCCGTCACAGTGCAATTATTCC 2629 CTTAAAGAGGCCGACAGTGCAATTTCCG 2629 CTTAAAGAGGCCGACAGTGCAATTTCCG 2630 TACCGCTCGTCGGGATCACAATGA 2631 CCGAGTGCCGAACTCAATAGA 2631 CCGAGTGCCGGAACCAACAA 2631 CCGAGTGCCGGAACCAACAA 2633 TGCAGGCTCTCAACAGGAACGTA 2633 TGCAGGCTCTCAACAGGAACGTA 2634 CTCCGTACCGGTGCGATCAAAACGTA 2635 TGCAGGCCTTCTCAACGGCTGGGAG 2636 CGAACCAGTGCACAATGAA 2636 CGAACCAGTGCACCAGTGCAACACGTA 2637 TGCAGGCTTCTCAACGGCTGGGAG 2638 TCAGGGCTTCTCAACGGCTGGAGA 2639 CCGATGCCCGATCAAAACGTA 2639 CCGTTAGTGGTCCCGCC 2636 CGAACCGGCAGTGCACATCAA 2639 TATACGGCCACTCGGTTGCAT 2639 TATACGGCCCGCCC 2639 TATACGGCCCTCAGCACTACAA 2639 TATACGGCCCTCAGCACTACAA 2640 CCAACCGTGGAGCCCTCAGCACTACAA 2641 CTGCTCAGCGGTGGACCACAACAA 2641 CTGCTCAGCGGTGGACCACAACAA 2641 CTGCTCAGCGGTGCACATACAA 2641 CTGCTCAGCGGTGCACATACAACACATTCCCCCCTATACGGCCCCTATAC 2642 GGAGATTGACTACACACATTCCCCAACCTTCCAACCACATTCCACCCGCTCAACCACCACCACCACCACCACCACCACCACCACCACC	2621	CCATAGACTAGCGCCAGAGTGCCC	GGGCACTCTGGCGCTAGTCTATGG
2624 GGGATTGGCTCTTGGTTGGAAGAA 2626 TGCCCCACCCGTAAGTCAATAAT 2626 TGCCCCACCCGTAAGTCAATAAT 2626 TGCCCCACCCGTAAGTCAATAAT 2627 TCAGGACCGACGGTGCACTTAGTG 2628 CCAGCCGTCACAGTGCAATTTCCG 2628 CCAGCCGTCACAGTGCAATTTCCG 2629 CTTAAAGAGGCGCGAAGCACAACA 2630 TACCGCTCGTCGCGAATCCAATGA 2631 CCGAGTGCCGGTCACAATGA 2631 CCGAGTGCCGGTCACAATGA 2632 GCACCAGTGCCACATGAATAAT 2633 TGCAGGCTTCACAAGAACAATAAT 2634 CCCGACCGTCACAAGAACAATAAT 2635 TGCAGGCTTCCAACAGAACAATAATAATAACCCCGCGTTTGACGGCCTCGG 2632 GCACCAGTGCCCGATCAAAACGTA 2633 TGCAGGCTTCAACAGGAACAACAATAACAATAACAACAATTGAACACTTCGCGCACTCGGA 2634 CTCCGTACGTATCCCGCGTGATAAC 2635 GGAAGTGCAACTTAAAGCCCCCC 2636 CGAACCGGCAGTCAAAAACGTA 2637 CCGTTAGTGGCCAAGTTCAACAACAATAAACAACAATTGAACACATTGCACAACAACAATGAACAACAACAATGAACAACAACAACAACAACAACAACAACAACAACAACAAC	2622	TGTGGACCTAGAAAATTGCCAGCC	GGCTGGCAATTTTCTAGGTCCACA
ATTGTGCTTCCTCGAACTGGGAAA 2626 TGCCCCACCCCGTAAGTCAATAAT 2627 TCAGGACCGACGGTGCACTTAGTG 2628 CCAGCCGTCACAGTGCAATTTCCG 2629 CTTAAAGAGGCCGAAGCCAAACA 2629 CTTAAAGAGGCCGAAGCACAACA 2630 TACCGCTCGTCGCGATCACAATGA 2631 CCGAGTGCGCGAAGTCCAAATGA 2631 CCGAGTGCCGAAGTGCAATTGC 2632 GCACCAGTGCCGAAGTCCAAATGA 2631 CCGAGTGCCGGAAGTGCTATTGTG 2632 GCACCAGTGCCGAAGTGCAATGA 2633 TGCAGGCTCTAAAGCGAAGCACAACA 2634 CCCGAGTGCCCGATCAAAACGTA 2635 TGCAGGCTTTCAACGGGTGGGAG 2636 CTCCCAGCCGTTGAAGAGCCTGCACACGGACCGGTTAAGAGCACTTCGCGCACTCGGACGAAGCACTTCAACGGACCGTTAAACTTTAAGCCCCGCC 2636 CGAACCGGCAGTACCACACACA 2637 CCGTTAGTGCCAAACACTTAAACCCCCCC 2638 CGAACCGGCAGTCGAACACACACACACACACACACACACA	2623	GAATAATCATCGCGGTCCTCATGG	CCATGAGGACCGCGATGATTATTC
TGCCCCACCCGTAAGTCAATAAT ATTATTGACTTACGGGGTGGGGCA 2627 TCAGGACCGACGGTGCACTTAGTG 2628 CCAGCCGTCACAGTGCAATTTCCG 2629 CTTAAAGAGGCCGAAGCACAACA 2630 TACCGCTCGTCGCGATCACAATGA 2630 TACCGCTCGTCGCGATCACAATGA 2631 CCGACTGCGCGAAGCACAACA 2631 CCGACTGCCGCGAAGCACAACA 2632 GCACCAGTGCCGAACACAACA 2632 GCACCAGTGCCGAACACAACA 2633 TGCAGGCTCACAACGTA 2634 CTCCGTACGTTCACAGTGA 2635 GGAAGTGCCGATCACAAACGTA 2636 TACCGCTCGTCACAGGGTGGAG 2636 CTCCCAGCCGTTGAGAACCTTCGCGGCACTCGGA 2637 CCGTACGTATCCCGCGTGGAAC 2638 CGACCAGTGCCCACTCACAACGTA 2639 CCGTACTGATCCCGCGTGGAAC 2630 CCGACCGGCCACTCACAACGTA 2631 CCGTACGTATCCCGCGTGGAAC 2632 GCACCAGTGCCCACTCACAACCGTA 2633 TGCAGGCTTCAACGGCTGGAAC 2634 CTCCGTACGTATCCCGCGTGGAAC 2635 CGAACCGGCAGTCGATCGTTCCAT 2636 CGAACCGGCAGTCGATCGTTCCAT 2637 TATACGGGCCGACAATACAA 2638 TCAGGCTACGCCCTCAGCACTACAA 2639 TATACGGGCCGACAGTCCATACAA 2640 CCAACGTGTGACGACTACAA 2641 CTGCTCAGCAGATCGTTTCG 2641 CTGCTCAGCAGTTCGCTTTCACACGACCTTCGACCACTACACGACCTGACCACTACACGACCTGACCACTACCACC	2624	GGGATTGGCTCTTGGTTGGAAGAA	TTCTTCCAACCAAGAGCCAATCCC
2627 TCAGGACCGACGGTGCACTTAGTG CACTAAGTGCACCGTCGGTCCTGA 2628 CCAGCCGTCACAGTGCAATTTCCG CGGAAATTGCACTGTGACGGCTGC 2629 CTTAAAGAGGCGCGAAGCACAACA TGTTGTGTTTCGCGCCTCTTTAAG 2630 TACCGCTCGTCGCGATCACAATGA TCATTGTGATCGCGACGAGGCGTA 2631 CCGAGTGCGCGAATCACAATGA TCATTGTGATCGCGACGAGGCGGTA 2631 CCGAGTGCCCGATCAAAACGTA TACGTTTTGATCGCGCACTCGG 2632 GCACCAGTGCCCGATCAAAACGTA TACGTTTTGATCGGGCACTGCGC 2633 TGCAGGCTTCTCAACGGCTGGGAG CTCCCAGCCGTTGAGAAGCCTTGCA 2634 CTCCGTACGTATCCCGCGTGATAC GTATCACGCGGGGATACGTACGGAC 2635 GGAAGTGCAACTTAAAGCCCCGCC GGCGGGGCTTTAAGTTGCACTTCC 2636 CGAACCGGCACTCGATCATAAGCCCCGCC 2637 CCCTTAAGTGCACAGTTCGGTT ACCGACGACTGCACTGC	2625	ATTGTGCTTCCTCGAACTGGGAAA	TTTCCCAGTTCGAGGAAGCACAAT
2628 CCAGCCGTCACAGTGCAATTTCCG CGGAAATTGCACTTGGACGGCTGGCCGTTTAAGGACGCCGCGAAGCACAACA TGTTGTGTGTCGCGCCTCTTTAAGGACGCCGCGAAGCACAACA TGTTGTGTGTTCGCGCCTCTTTAAGGACGCTGCGCGATCACAATGA TCATTGTGACCGCGCACTCGGCGACTCGGCGAAGTGTCTATGTG CACATAGACACTTCGCGCACTCGGCACTCGGCGAAGTGTCTATGTG CACATAGACACTTCGCGCACTCGGCACTCGGCACTCGGCACTCGGAAGACGTT TACCTTTTGATCGGGCACTCGGCACTCGGCACTCGGAAGACGTTCACACACGAACACGTT TACCTTTTGATCGGGCACTCGGCACTCGGAAGACGTTCCACACGCTGGAACACGTACTACACACGGAAGCCTGCACACACTCCACACACA	2626	TGCCCCACCCCGTAAGTCAATAAT	ATTATTGACTTACGGGGTGGGGCA
2629 CTTAAAGAGGCGCGAAGCACAACA TGTTGGCTTCGCGCCTCTTTAAG 2630 TACCGCTCGTCGCGATCACAATGA TCATTGTGATCGCGACGAGAGCGGTA 2631 CCGAGTGCCGCAAGACGTTCTATGTG CACATAGACACTTCGCGCACTCGG 2632 GCACCAGTGCCCGATCAAAACGTA TACGTTTTGATCGGCACTCGGCACTCGG 2633 TGCAGGCTTCTCAACGGCTGGAGG CTCCCAGCCGTTGAGAAGCCTGCA 2634 CTCCGTACGTATCCCGCGTGATAC GTATCACGCGGGATACGTACGGAC 2635 GGAAGTGCAACTTAAAGCCCCGC GGCGGGGCTTTAAGTTGCACTTCC 2636 CGAACCGGCAGTCGATCATACAGCCCCGC GGCGGGGCTTTAAGTTGCACTTCC 2637 CCGTTAGTGGTCGACACTTCGATTCCACCGCT ATGCAACGATCGACCACTAACGG 2638 TCAGGCTACGACGACTCGTTCCACTCACACGACCACTCACCGC 2639 TATACGGGCCGACGCACTACA TGTAGTGCGCCCTGACCACTACCGC 2640 CCAACGTGACGACGTCGATTCC CGAATCGGACCTCGACCACTACCG 2641 CTGCTCAGCAGGTCGATTCAC TGTAGTGCCGCTTGACCACTTGC 2642 GGAGATTGACTTCACCA TGTAGTGCCCTTCGACCACTTCC 2643 ATGGTTCAGAAGACA TGTCTTTCACCA TGTAGTGCCCTTGACCACT 2644 CACGCGAGGTCCGTTTCACCA TGTAGTGCCCTTGACCACT 2645 TGGATTGAAAGACA TGTCTTCACCA TGGTGAAACCGCAAGACCACT 2646 GACTGGAACGTTCGCGCTTCACAC TGGTGAAACCGCAAATCCCC 2645 TGGATTGGAACCAATCCCGCACAA TTGTCGCCGAAAATCCCCACAC 2646 TGCTCTTGTGGTCACCCTCAACACACCCCCCACAA TTGTCCGAGTGACCACCACCACCACCACCACCACCACCACCACCACCACC	2627	TCAGGACCGACGTGCACTTAGTG	CACTAAGTGCACCGTCGGTCCTGA
TACCGCTCGTCGCGATCACAATGA 2631 CCGAGTGCCGCGAGTCATCACAATGA 2632 GCACCAGTGCCCGATCAAAACGTA TACGTTTTGATCGCGCACTCGG 2632 GCACCAGTGCCCGATCAAAACGTA TACGTTTTGATCGGGCACTGGTG 2633 TGCAGGCTTCTCAACGGCTGGGAG CTCCCAGCCGTTGAGAAGCCTGCA 2634 CTCCGTACGTATCCCGCGTGATAC CGAGTGCCGGGATACGTTGAGAGCCTGCAC 2635 GGAAGTGCAACTTAAAGCCCCGCC GGCGGGGTTTAAGTTGCACTTCCACGCGGAC 2636 CGAACCGGCAGTCGATCGTTGCAT ATGCAACGATCGACTGCACTTCCAACGACTGACTGCACTTCCCACCTTCACACGAC 2637 CCGTTAGTGGTCGACAGTTCGGTT AACCGAACTGTCGACCACTACA 2638 TCAGGCTACGCCCTCAGCACTACA TGTAGTGCTGAGCGCTGAGCCTGAC 2639 TATACGGGCCGAGTCCGTATTCG CGAATTACGGGCCTGAGCCTGAC 2640 CCAACGTGTGACGAGTACACACTACA TGTAGTGCTCACACCTGACCACTACA 2641 CTGCTCAGCGGTGCTTGAAAGACA TGTCTTTCAAGCACCTGCACTACA 2642 GGAGATTGACTTCGCGTTTCACCA TGGTGAAACGCCGCTGAGCAC 2643 ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACAGACCACTCTGACCACT 2644 GAGTGGAGCATTCCGCCCTCAA TIGAGGGCCGAAACCTTCTGAACCAT 2645 TGGATTGGAACCAATCCCCCCAAA TIGAGGGCCGAGAACCTTCTGAACCAT 2646 TGCTCTTGTGGTCACCCGCCTCAA TIGAGGGCCAAAATGCTCCACTC 2647 TTGGGAACCAATCCCGCACAA TTGTCGCGGTTAGCCCACAA TTGTCGGGGTAACCATCCAC 2648 CAACGCGAGCTAACCGTTAGCCC CGAAACTACCGTTTGCTCCACAC 2649 AACGCTGAGCACTCTCGAGAGGA CCCTCCGAGGGAACTCCTCCACAC 2649 AACGCTGAGCCCTCACATCCCCCCACA TTGAGGCGCTCACCACACACACCACAC	2628	CCAGCCGTCACAGTGCAATTTCCG	CGGAAATTGCACTGTGACGGCTGG
2631 CCGAGTGCGCAAGTGTCTATGTG 2632 GCACCAGTGCCCGATCAAAACGTA 2633 TGCAGGCTTCTAACGGCTGGGAG 2634 CTCCGTACGTATCCCGCGTGATAC 2635 GGAAGTGCAACTTCAACGGCTGGAG 2636 CGAACCGGCAACTTAAAGCCCCGCC 2636 CGAACCGGCAGTCGTTCAACGCCCGCC 2636 CGAACCGGCAGTCGTTCAACGCCCGCC 2637 CCGTTAGTGGTCCAACGTTCGGTT 2637 CCGTTAGTGGTCAACACGTTCGGTT 2638 TCAGGCTACGCCCTCAGCACTTCAACGGCCCTCAGCACTTAACGGCCCTCAGCACTTAACGGCCCCTCAGCACTTCACGGACCACTAACACG 2639 TATACGGGCCAGCTCGTTTCCC 2640 CCAACGTGTGACAGATTCGCTTTCC 2641 CTGCTCAGCAGTTCGAAAGACA 2642 GGAGATTGACTTCACCA TGTAGTGCCCCTTAGTCGACCACTTAGCGAC 2643 ATGGTTCAGAAGGGCCATTG 2644 CAGCGGGGGTCTTCAACA TGTAGTGCCCCTTCGACCACTTGG 2645 TGGATTGACTTCCGCGTTTCACCA TGGTGAAACACCTCCCCAGCACTAC 2646 GAGTGAACTTCCGCGTTTCACCA TGGTGAAACACCTTCTGAACCAT 2647 TTGGGAGCACTTCCGCCCTCAA TTGAGGGCCGAGAATCCATCCA 2648 CAGCGAGACTCCTCGACACAA TTGTCTTCCAGCACGTTGAACCAT 2649 TGGTTCAGAAGGTTCGTGGGTT AACCCGAGAACTCTCCAACCTCC 2640 TGCTCTTGGTCACACTCCGCACAA TTGAGGGCCGAGAATCCCTCCACCCCCGACAACCCTTCGACCACCCCTCAA 2641 CAGCGAGACCATTCCGCCCTCAA TTGAGGGCCGAGAATCCCTCCACCCCCCCACACCACCCCTCACCCCCCCACACCCCCC	2629	CTTAAAGAGGCGCGAAGCACAACA	TGTTGTGCTTCGCGCCTCTTTAAG
GCACCAGTGCCCGATCAAAACGTA 2633 TGCAGGCTTCTCAACGGCTGGGAG 2634 CTCCGTACGTATCCCGCGTGATAC 2635 GGAAGTGCAACTTAAAGCCCCGC 2636 CGAACCGGCAGTCGATCGTTGCAT 2637 CCGTTAGTGGTCGACAGTTCGGTT 2637 CCGTTAGTGGTCGACAGTTCGGTT 2638 TCAGGCTACGCCCTCAGCACTACA 2639 TATACCGGCAGTCGATCGTTCCC 2630 CCAACCGGCAGTCGATCGTTCCAT 2631 TCAGGCTACGCCCTCAGCACTACA 2632 TCAGGCTACGCCCTCAGCACTACA 2633 TATACGGGCCGAGGTCCGTATTCC 2634 CCCACCGTTGACACATTCC 2635 TATACCGGCCGAGGTCCGTATTCC 2636 CCAACCGGCAGTCCGTATTCC 2637 CCGTTAGTGGTCGACAGTTCGGTT ACCGAACTGTCGACCACTAACGG 2638 TCAGGCTACGCCCTCAGCACTACA 2639 TATACCGGCCGAGGTCCGTATTCC 2640 CCAACGTGTGACAAGGGCCATTG 2641 CTGCTCAGCGGTGCTTGAAAAGAC 2642 GGAGATTGACTTCGCGTTTCACCA 2643 ATGGTTCAGAAGGGCCATTG 2644 GAGTGGAGCATTCTCGGGTTT AACCCGACGAACCTTCTGAACCAT 2644 GAGTGGACCATTCTCGGGTTT AACCCGACGAACCTTCTGAACCAT 2645 TGGATTGAACACGTTCGGGCTT 2646 GAGTGGACCATTCTCGGCCCTCAA 1TGAGGGCCGAGAACTCTCCACT 2646 TGCTCTTGTGGTCACTCGAGAGGA 2647 TTGGGAGCACAGTCCCGCACAA 1TGTGCGGGATTGGTTCCACTC 2648 CAACGCGAGCTAACCGGTAGTTTCG 2649 AACGCTGAGCCTCACCTTCACCT 2649 AACGCTGAGCGTCACCTTCACCT 2650 CCGTCGTAGATCTCGAGCTTCAC 2651 GGATGGCACACCTTCACCT 2652 TCGCTCGTAGATCTCGACCTTCAC 2653 GGAGCAATACCGCTCACCTTCACCT 2651 GGATGGCACACCTTCACCT 2652 TCGCTCGTAGATATCCTTCACCCC 2653 GGAGCAATACCGCTCCCAA 2654 TTGTTCAGACTTGAGCCCTCCAA 2655 GGAGCAATACCGCTCCCAA 2656 CCGTCGTAGATATCCTTCACCCC 2657 TGGTCGTAGATATCCTTCACCCC 2658 GGAGCAATACCGCGTCCCAA 2659 GGAGCAATACCGCGTCCCAA 2650 CCGTCGTAGATATCCTTCACCCC 2651 TGGTTCAGACTTTCCACTCCCCCCAACACAGAGGCAA 2652 TCGCTCGTAGATATCCTTCACCCC 2653 GGAGCAATACCGCGTCCCAA 2654 TTGTTCAGACTTACGACCC 2655 GGAGCAATACCGCGTCCCAA 2656 CCGCCGTAAGTCTTCCCCCCCCCCCCCCCCCCCCCCCCC	2630	TACCGCTCGTCGCGATCACAATGA	TCATTGTGATCGCGACGAGCGGTA
TGCAGGCTTCTCAACGGCTGGAGG 2634 CTCCGTACGTATCCCGCGTGATAC 2635 GGAAGTGCAACTTAAAGCCCCGCC GGCGGGGATACGTACGACGACGACGACGACGACGACGACCTGAACGCGGCAGCACTTCCCAGCGCGCAGCACCTTCAACGCGGCAGCACTTCAACGCCGCCAGCACCGCCAGCACCGCAGCACCTTCACACGTTCAACGCCCGCC	2631	CCGAGTGCGCGAAGTGTCTATGTG	CACATAGACACTTCGCGCACTCGG
2634 CTCCGTACGATCCCGCGTGATAC 2635 GGAAGTGCAACTTAAAGCCCCGCC GGCGGGGCTTTAAGTTGCACTTCC 2636 CGAACCGGCAGTCGATCGTTGCAT ATGCAACGATCGACCGCTGGGCCGGGGCTTTAAGTTGCACTTCCC 2637 CCGTTAGTGGTCGACACTTCAATCGGTT AACCGAACCTGCACCACTAACGG 2638 TCAGGCTACGCCCTCAGCACTACA TGTAGTGCTGAGCCACTAACGG 2639 TATACGGGCCGAGGTCCGTATTCC CGAATACGGACCTCGACCACTATAC 2640 CCAACGTGTGACGAAGGGCCATTG CAATGGCCCTTCAGCACTTGA 2641 CTGCTCAGCGGTGCTTGAAAGACA TGTCTTTCAAGCACCGCTGAGCAG 2642 GGAGATTGACTTCACCA TGGTGAAACGCGAAGTCAATCTCC 2643 ATGGTTCAGAAGGTTCGTGGGTT AACCCGACGAACCTTCTGAACCAT 2644 GAGTGGAGCATTCGCGGTTTCACCA TGGTGAAACGCGAAGTCAATCTCC 2645 TGGATTGGAACCAATCCCGCACAA TTGTGGGGCCGAGAACCTTCTGAACCAT 2646 TGCTCTTGTGGAACCAATCCCGCACAA TTGTGGGGGCTAACCATCACCACCTC 2647 TTGGGAGCACCATTCACGCCCTCAA TTGAGGGCCGAGAATGCTCCAACCACCACCACCACCACCACCACCACCACCACCAC	2632	GCACCAGTGCCCGATCAAAACGTA	TACGTTTTGATCGGGCACTGGTGC
GGAAGTGCAACTTAAAGCCCCGCC 2636 CGAACCGGCAGTCGATCGTTGCAT ATGCAACGATCGACTGCACTCAGCACTTCCGCTC 2637 CCGTTAGTGGTCGACAGTTCGGTT AACCGAACTGTCGACCACTACACACTTCCGCCCCCCCCCC	2633	TGCAGGCTTCTCAACGGCTGGGAG	CTCCCAGCCGTTGAGAAGCCTGCA
2636 CGAACCGGCAGTCGATCGTTGCAT ATGCAATGCACTGCCGGTTCG 2637 CCGTTAGTGGTCGACAGTTCGGTT AACCGAACGATCGACCACTAACGG 2638 TCAGGCTACGCCCTCAGCACTACA TGTAGTGCTCGACCACTAACGG 2639 TATACGGGCCGAGGTCCGTATTCG CGAATACGGACCTCGGCCCGTATA 2640 CCAACGTGTGACGAAGGGCCATTG CAATGGCCTTCGTCACACGTTGG 2641 CTGCTCAGCGGTCTTGAAAGACA TGTCTTTCAACACGCGGAGGACCTCGGCCCGTATA 2642 GGAGATTGACTTCGCGTTTCACCA TGGTGAAACGCGAAGTCAATCTCC 2643 ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACGAAGCCTTCTGAACCAT 2644 GAGTGGACCATCCCGCACAA TTGGCGGAACCTTCTGAACCAT 2645 TGGATTGGAACCAATCCCGCACAA TTGTGCGGGATTGGTTCCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCAC 2647 TTGGGAGCACACTCCGCACAA TTGTGCGGGTTACCGTTCCAACCAC 2648 CAACGCGAGCACACCTCGAGAGGA TCCTCTCGAGTGACCAC 2649 AACGCTGAGCACTCCCGCACAA TTGAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCACACCTTCACCT AGGTGAACCTTCGCGTTG 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGACTCCCGCTCACCTTCACCT AGGTGAACCTCCAGCGTTCCCACCCTCACCTTCACCT AGGTGAACCTCCAGCGTTCCCACCCTCCCCACCCTCACCTTCACCT AGGTGAACCTCCAGCGTTCCCCACCCTCCCCCCCCCC	2634	CTCCGTACGTATCCCGCGTGATAC	GTATCACGCGGGATACGTACGGAG
2637 CCGTTAGTGGTCGACAGTTCGGTT AACCGAACTGTCGACCACTAACGG 2638 TCAGGCTACGCCCTCAGCACTACA TGTAGTGGTCGACCACTAACGG 2639 TATACGGGCCGAGGTCCGTATTCG CGAATACGGACCTCGGCCCGTATA 2640 CCAACGTGGACGAAGGGCCATTG CAATGGCCTTCGTCACACGTTGG 2641 CTGCTCAGCGGTGCTTGAAAGACA TGTCTTTCAAGCACCGCTGAGCAG 2642 GGAGATTGACTTCGCGTTTCACCA TGGTGAAACGCGAAGTCAATCTCC 2643 ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACGAACCTTCTGAACCAT 2644 GAGTGGAGCATTCCGGCCCTCAA TTGAGGGCCGAAGATCACTC 2645 TGGATTGGAACCAATCCCGCACAA TTGTGCGGGATTGATCCACTC 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGCAGA 2647 TTGGGAGCACGGTTACCGCCTTGA TCTCCACTC 2648 CAACGCGAGCTACCGCACAA TTGTGCGGGTTACCACTCCACT	2635	GGAAGTGCAACTTAAAGCCCCGCC	GGCGGGCTTTAAGTTGCACTTCC
2638 TCAGGCTACGCCCTCAGCACTACA TGTAGTGTGAGCCACTACGGCCGAGGCTAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCTGAGCCAGAGGGCCGAGGGCCGAGGGCCGTATACGCACACGTTGGCCCAACGGTGGACAGAGGGCCATTGCCAATGCGCCTTCGTCACACGTTGGCCGAAGAGCACCGCTGAGCAGGCCAAGCCCGCTGAGCAGGCCGAAGCCTTCAGCAGCAGCGCGAAGCCTTCACACGTTGAACACACGCGAAGCCTTCAGACAGCACGCGAAGCCTTCAGACCACCGCGAAGCCTTCAGACCACCGCGAAACCTTCTGAACCACCGCAGAACCTTCTGAACCACCGCAGAACCTTCTGAACCACCGCAGAACCTTCTGAACCACCGCAGAACCTTCTGAACCACCGCACAACCGCGAAGATGCTCCACTCCGAGAGAACCATCCCGCCCCACAACCGCGAGAACCACCACAACGAGCAACCGCGAGAACCACC	2636	CGAACCGGCAGTCGATCGTTGCAT	ATGCAACGATCGACTGCCGGTTCG
TATACGGGCCGAGGTCCGTATTCG 2640 CCAACGTGTGACGAAGGGCCATTG CAATGGCCCTTCGTCACACGTTGG 2641 CTGCTCAGCGGTGCTTGAAAGACA TGTCTTTCAAGCACCGCTGAGCAG 2642 GGAGATTGACTTCGCGTTTCACCA TGGTGAAACGCGAAGTCAATCTCC 2643 ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACGAACCTTCTGAACCAT 2644 GAGTGGAGCATTCTCGGCCCTCAA TIGAGGGCCGAGAATGCTCACTC 2645 TGGATTGGAACCAATCCCGCACAA TIGTGCGGGATTGGTCCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCACAACACACACACACACACACACAC	2637	CCGTTAGTGGTCGACAGTTCGGTT	AACCGAACTGTCGACCACTAACGG
2640 CCAACGTGTGACGAAGGGCCATTG CAATGGCCCTTCGTCACACGTTGG 2641 CTGCTCAGCGGTGCTTGAAAGACA TGTCTTTCAAGCACCGCTGAGCAG 2642 GGAGATTGACTTCGCGTTTCACCA TGGTGAAACGCGAAGTCAATCTCC 2643 ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACGAACCTTCTGAACCAT 2644 GAGTGGACCATTCTCGGCCCTCAA TTGAGGGCCGAGAATGCTCCACTC 2645 TGGATTGGAACCAATCCCGCACAA TTGTGCGGGTTCCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCACAAGAGCA 2647 TTGGGAGCACGGTTACCGCCTGTG CACAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCTAACCGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGTCACCTTCACCT AGGTGAAGGAGCACCGTTGCCGCGTTG 2650 CCGTCGTAGATCTGGAGGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATCCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGACGG 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTCCCAAACACC GTGTTTTGGACGCGGTATTGCTCC 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGCGGAACGATTGCCCCGCGCCCAAGACACACTGTCCCAAGACACACTTTCACGACGGAACAACACCGTTCACACACA	2638	TCAGGCTACGCCCTCAGCACTACA	TGTAGTGCTGAGGGCGTAGCCTGA
2641 CTGCTCAGCGGTGCTTGAAAGACA TGTCTTTCAAGCACCGCTGAGCAG 2642 GGAGATTGACTTCGCGTTTCACCA TGGTGAAACGCGAAGTCAATCTCC 2643 ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACGAACCTTCTGAACCAT 2644 GAGTGGAGCATTCTCGGCCCTCAA TTGAGGGCCGAGAATGCTCCACTC 2645 TGGATTGGAACCAATCCCGCACAA TTGTGCGGGATTGGTTCCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCACAAGAGCA 2647 TTGGGAGCACGGTTACCGCCTGTG CACAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCTAACCGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGAGCACCGTTAGCTCGCGTTG 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGACGGA 2653 GGAGCAATACCGCGTCCCAAACACC GTGTTTTGGACGAGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGCCT AGGACAGCGCCTAAGTCTGAACAA 2656 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACTGCAATATGCCTGCGCCAAACCCT 2659 TGCGCGCTAGTGCTGCCTAAGCCGTGCCAAACCCT ACTCCAAGGCCAAAGGCCCGAG 2660 CCATCCTTTGCCTTGAGGGTAAGGCCCCAAACACCGCGCCCAACCCTTGCCCCAAACACCGCGCCCAAACACCGTGCCAAACACCGCGCCCAAGGCCCTAAGTCTGCCCCAAACACCCGCGCCAAGCCCTTAAGCCAAACACCGCGCCAAGCCCTAAGTCTGCCCCGCGCAAGCCCTTAAGCCAAACACCGCGCCAAGCCCTAAGTCTCTTTCCACTGCCCAAAACACCCGCGCAAAGAAGAGTACCGCCGCGCAAGGCCTAAGTCTCTTTCCACTGCCCAAAACACCGTTAAGCCAAAAGACGCGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACTGCAATATGCCTGCGCCCAAAACACCGCGCCAAAGCCGT ACTGCAATATGCCTGCAAAAACACCGCGCAAAACACCGT ACTGCAATATGCCTGCGCCAAAACACCGCGCAAAACACCGT ACTGCAATATGCCTGCAAAAGAGAGAGAGAGAGAGAGAGA	2639	TATACGGGCCGAGGTCCGTATTCG	CGAATACGGACCTCGGCCCGTATA
GGAGATTGACTTCGCGTTTCACCA 2643 ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACGAACCTTCTGAACCAT 2644 GAGTGGAGCATTCTCGGCCCTCAA TTGAGGGCCGAGATTGCTCACTC 2645 TGGATTGGAACCAATCCCGCACAA TTGTGCGGGATTGGTTCCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCACAAGAGCA 2647 TTGGGAGCACGGTTACCGCCTGTG CACAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCTAACGGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGTAACAA 2655 CGGCGGTACTCTTTCCACTGCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCCA AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAAACCC 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCCACTTGCCTCACCTTTCCCCTTCCCCCGCCCCCCCC	2640	CCAACGTGTGACGAAGGGCCATTG	CAATGGCCCTTCGTCACACGTTGG
ATGGTTCAGAAGGTTCGTCGGGTT AACCCGACGAACCTTCTGAACCAT AGAGTGAGCATTCTCGGCCCTCAA TTGAGGGCCGAGAATGCTCCACTC TGGATTGGAACCAATCCCGCACAA TTGTGCGGGATTGGTTCCAATCCA TTGTGCGGGATTGGTTCCAATCCA TTGGGAGCACCACCCTCCACACA TTGTGCGGGATTGGTTCCAATCCA TTGGGAGCACCGGTTACCGCCTGTG CACAGGCGGTAACCGTGTCCCAA CACAGCCGAGCTAACCGTTACCGCCTGTG CACAGGCGGTAACCGTTGCCCAA CACGCGAGCTAACCGTTACCCT AGGTGAAGGTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG CGGTGAGATATCCTTCACGCC GGCGTGAAGGATATCTACGACGA CGGCTGAGATATCCTTCACGCC GGCGTGAAGGATATCTACGACGA CGGCGTGAAGATATCCTTCACGCC GGCGTGAAGGATATCTACGACGA CGGCTGAAACACC TTGTTCAGACTTAGGCGCTCCCA CGGCGGTACTCTTTCCACTGCC AGGCAGCGCCTAAGTCTGACCA CGGCGGTACTCTTTCCACTGCCT AGGCAGCGCCTAAGTCTGACCAA CGGCTTTGCACACAA CGGCTTTGCCCCACACCCGCCCA CGGCGGTACTCTTTCCACTGCCT AGGACAGTGGAAAGAGGATACCGCCG CTCTGGCACGTGGCAAACCAC CTCTGCCACGTGCCACCT CCGGCCCTGACCCCTACCCT CGGCCCTGACCCCCCCACCCCCCACCCCCCCCCC	2641	CTGCTCAGCGGTGCTTGAAAGACA	TGTCTTTCAAGCACCGCTGAGCAG
2644 GAGTGGAGCATTCTCGGCCCTCAA TTGAGGGCCGAGAATGCTCCACTC 2645 TGGATTGGAACCAATCCCGCACAA TTGTGCGGGATTGGTTCCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCACACAGAGCA 2647 TTGGGAGCACGGTTACCGCCTGTG CACAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCTAACGGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAACAC 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACTGCATTACGAGCCCAGG 2659 TGCGCGCTAGTGCTCCTATGATC GATCATAGGCAGCACAAGGCCCGAG 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGGCCCGAG 2660 CCATCCTTTGCCTTGAGGGGTAAGG CCTTACCCTCAAGGCAAAGGATGGCCCGAG 2660 CCATCCTTTGCCTTGAGGGGTAAGG CCCTCAAGGCAAAGGATGGCCCCAAAGCCGCCCCCCCCCTTACCCTTTGAGGCAAAGGCAAAGGCAGAAGGCACAAAGGCGCCCCAAGCCCTTACCCTTTACCCTTCAAGGCAAAGGCACAAAGGCAGACCCCCGAG CCCATCCTTTGCCTTGAGGGGTAAGG CCCTTACCCTCAAGGCAAAGGATGGCCCCAAGCCCTTACCCTTTACCCTTCAAGGCAAAGGATGGCCCCAAGCCCTTACCCTTTACCCTTCAAGGCAAAGGATGGCCCCAAGCCCTTACCCTTTACCCTTCAAGGCAAAGGATGGCCCCAAGCCCTTACCCTTTACCCTTCAAGGCAAAGGCAAAGGATGGCCCCAAGCCCTTACCCTTTACCCTTCAAGGCAAAGGATGGCCCCTAAGCCCCCAAAGCCAAAGGCAAAGGAAGG	2642	GGAGATTGACTTCGCGTTTCACCA	TGGTGAAACGCGAAGTCAATCTCC
TGGATTGGAACCAATCCCGCACAA TTGTGCGGGATTGGTTCCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCACAAGAGCA 2647 TTGGGAGCACGGTTACCGCCTGTG CACAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCTAACGGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATGCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCCGAG 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACAGGCCCAAAGGCGCCCAAAGGCACACGCCGC	2643	ATGGTTCAGAAGGTTCGTCGGGTT	AACCCGACGAACCTTCTGAACCAT
TIGIGGGGATTIGGTCAATCCA 2646 TGCTCTTGTGGTCACTCGAGAGGA TCCTCTCGAGTGACCACAAGAGCA 2647 TTGGGAGCACGGTTACCGCCTGTG CACAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCTAACGGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGCTTTTTTTTTT	2644	GAGTGGAGCATTCTCGGCCCTCAA	TTGAGGGCCGAGAATGCTCCACTC
TTGGGAGCACGGTTACCGCCTGTG CACAGGCGGTAACCGTGCTCCCAA 2648 CAACGCGAGCTAACGGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACAAGGCCCCAAAGCCACCCCCACCCCCACCCCCC	2645	TGGATTGGAACCAATCCCGCACAA	TTGTGCGGGATTGGTTCCAATCCA
2648 CAACGCGAGCTAACGGTAGTTTCG CGAAACTACCGTTAGCTCGCGTTG 2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATGCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACTGCAATATGCCTGCGCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACAAGGCACA		TGCTCTTGTGGTCACTCGAGAGGA	TCCTCTCGAGTGACCACAAGAGCA
2649 AACGCTGAGCGCTCACCTTCACCT AGGTGAAGGTGAGCGCTCAGCGTT 2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATCC 2652 TCGCTCGTAGATACCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACAAGGCGCA 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG	2647	TTGGGAGCACGGTTACCGCCTGTG	CACAGGCGGTAACCGTGCTCCCAA
2650 CCGTCGTAGATCTGGAGGCTTCAA TTGAAGCCTCCAGATCTACGACGG 2651 GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATGCCATCC 2652 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGGA 2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACAAGGCCCAA		CAACGCGAGCTAACGGTAGTTTCG	CGAAACTACCGTTAGCTCGCGTTG
GGATGGCATGGGCACACTGTAACC GGTTACAGTGTGCCCATCC 1052 TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA 1053 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 1054 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 1055 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 1056 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 1057 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 1058 CTCGGGCCTGTACAGCAAAGCCGT ACGCTTTGCTGTACAGGCCCGAG 1059 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACAAGGCCCAA	2649	AACGCTGAGCGCTCACCTTCACCT	AGGTGAAGGTGAGCGCTCAGCGTT
TCGCTCGTAGATATCCTTCACGCC GGCGTGAAGGATATCTACGAGCGA GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA C655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT C657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT C7658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG C659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACAAGGCCCAA		CCGTCGTAGATCTGGAGGCTTCAA	TTGAAGCCTCCAGATCTACGACGG
2653 GGAGCAATACCGCGTCCAAAACAC GTGTTTTGGACGCGGTATTGCTCC 2654 TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACTAGCGCGCA 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG			GGTTACAGTGTGCCCATGCCATCC
TTGTTCAGACTTAGGCGCTGCCCA TGGGCAGCGCCTAAGTCTGAACAA 2655 CGGCGGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACTAGCGCGCA 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG			GGCGTGAAGGATATCTACGAGCGA
2655 CGGCGTACTCTTTCCACTGTCCT AGGACAGTGGAAAGAGTACCGCCG 2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACTAGCGCGCA 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG			GTGTTTTGGACGCGGTATTGCTCC
2656 AAGACGATTGCCCACGTGCCAGAG CTCTGGCACGTGGGCAATCGTCTT 2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACTAGCGCGCA 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG			TGGGCAGCGCCTAAGTCTGAACAA
2657 AGGTGAGCGCAGGCATATTGCAGT ACTGCAATATGCCTGCGCTCACCT 2658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACTAGCGCGCA 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG		CGGCGGTACTCTTTCCACTGTCCT	AGGACAGTGGAAAGAGTACCGCCG
2658 CTCGGGCCTGTACAGCAAAGCCGT ACGGCTTTGCTGTACAGGCCCGAG 2659 TGCGCGCTAGTGCTGCCTATGATC GATCATAGGCAGCACTAGCGCGCA 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG			CTCTGGCACGTGGGCAATCGTCTT
2659 TGCGCGCTAGTGCTGTACAGGCCCGAG 2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG			ACTGCAATATGCCTGCGCTCACCT
2660 CCATCCTTTGCCTTGAGGGTAAGG CCTTACCCTCAAGGCAAAGGATGG			ACGGCTTTGCTGTACAGGCCCGAG
2004 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA			GATCATAGGCAGCACTAGCGCGCA
2661 AACAACAGCGTAAGACGGACAGGG CCCTGTCCGTCTTACGCTGTTGTT			CCTTACCCTCAAGGCAAAGGATGG ·
	2661	AACAACAGCGTAAGACGGACAGGG	CCCTGTCCGTCTTACGCTGTTGTT

2662	GAGGCGGTCGAGGCTCACAATATT	AATATTGTGAGCCTCGACCGCCTC
2663	CGAGGTTAGACGCCTATGACCCAC	GTGGGTCATAGGCGTCTAACCTCG
2664	AACTTGCTATACCGGGCGCAGCAA	TTGCTGCGCCCGGTATAGCAAGTT
2665	CGCGGTGAATCGCATACACAGCGC	GCGCTGTGTATGCGATTCACCGCG
2666	CACCGAATCAAGCCATATGGCTCT	AGAGCCATATGGCTTGATTCGGTG
2667	TTCACAGCTATCCTAGGCGCTGCC	GGCAGCGCCTAGGATAGCTGTGAA
2668	AGAAGCGCGAAGTGTACCCCGCAT	ATGCGGGGTACACTTCGCGCTTCT
2669	TGCATGGTATTTGCGTGCGATAGG	CCTATCGCACGCAAATACCATGCA
2670	GGCCGGACCTATGTGAGATGGAAA	TTTCCATCTCACATAGGTCCGGCC
2671	TCAACCTGAGTCCTGATCCCAAGC	GCTTGGGATCAGGACTCAGGTTGA
2672	TGCTTACCGTTCAGGGAGGCGTGT	ACACGCCTCCCTGAACGGTAAGCA
2673	GGAGAGTTACGCGATGAGCCACCT	AGGTGGCTCATCGCGTAACTCTCC
2674	CGGTATGCGGTGTACAGCTTTCGT	ACGAAAGCTGTACACCGCATACCG
2675	GTAAGCCGGGTCTCGTGTCGCCGT	ACGGCGACACGAGACCCGGCTTAC
2676	GCGTAGTGCGAACGCCCCGACCTA	TAGGTCGGGGCGTTCGCACTACGC
2677	TCCTCGCGGCTTACGTCAAATTCG	CGAATTTGACGTAAGCCGCGAGGA
2678	CGACGTTCAAAGCGGGAGAGGAGG	CCTCCTCCCGCTTTGAACGTCG
2679	CGAGGCACCCCGACATGTTGAGAT	ATCTCAACATGTCGGGGTGCCTCG
2680	CTATTTCGTGCCGCGTCGGACAAG	CTTGTCCGACGCGCACGAAATAG
2681	GGCTGCTCAGTGACGTGTCAACTG	CAGTTGACACGTCACTGAGCAGCC
2682	ATCACTCGTGCGTACCCGACCGTC	GACGGTCGGGTACGCACGAGTGAT
2683	CGAGATGTCCTATACCGTGGCGAA	TTCGCCACGGTATAGGACATCTCG
2684	TCACACCGAGCCCCATAAATGAAA	TTTCATTTATGGGGCTCGGTGTGA
2685	AGCTACGTGTCTCGAGCAAAAGCG	CGCTTTTGCTCGAGACACGTAGCT
2686	TCAGGGCGAGTTTTTTCAGCGGCG	CGCCGCTGAAAAAACTCGCCCTGA
2687	TTCGTTCTGTCTATTTTTGCCCCG	CGGGGCAAAAATAGACAGAACGAA
2688	TGGTATGCCCAGGATCCAGCCTAC	GTAGGCTGGATCCTGGGCATACCA
2689	TCTCAGTCGTTAGGCCAATGGCGG	CCGCCATTGGCCTAACGACTGAGA
2690	AAAGATCACCGTGGAGCGATCGGC	GCCGATCGCTCCACGGTGATCTTT
2691	TAGCAGGACTTGCACTCGTGATGC	GCATCACGAGTGCAAGTCCTGCTA
2692	TGCCCACGGTACCGTTCAAGGCTG	CAGCCTTGAACGGTACCGTGGGCA
2693	TGAGGTGCGTCGCCCTAAGTAATG	CATTACTTAGGGCGACGCACCTCA
2694	AGCAAGGGTTACAACCCGCAACCC	GGGTTGCGGGTTGTAACCCTTGCT
2695	CACAACAGCCAGTATTCGCCACAA	TTGTGGCGAATACTGGCTGTTGTG
2696	GGCAACACCATACTCGACGAGCTC	GAGCTCGTCGAGTATGGTGTTGCC
2697	GGCTGGATTGACAATTTAGCCCCT	AGGGGCTAAATTGTCAATCCAGCC
2698	CGTGAGAAATGCTACACGCGTCAG	CTGACGCGTGTAGCATTTCTCACG
2699	CGCATCTGCCCCATTTTGTTCCTT	AAGGAACAAAATGGGGCAGATGCG
2700	GTCGGCCTAGTCGGCAGAACGGTG	CACCGTTCTGCCGACTAGGCCGAC
2701	TCCCTCACCTTCCAAAAATGTGCT	AGCACATTTTTGGAAGGTGAGGGA
2702	GGGCAAGAACATGAGAACAGACCG	CGGTCTGTTCTCATGTTCTTGCCC

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2703	TCGTCCTGGTACGACTTGCGTAGA	TCTACGCAAGTCGTACCAGGACGA
2704	TGGCGGTTGCATGTGATCAAG	CTTGATCATCACATGCAACCGCCA
2705	CCTCGCGTGAGTAAAAACCGTCCG	CGGACGGTTTTTACTCACGCGAGG
2706	ACTTCCGCCACAGAATGCGGCCAG	CTGGCCGCATTCTGTGGCGGAAGT
2707	GTGTAGAGCTTGGGTAGCCCCGTT	AACGGGGCTACCCAAGCTCTACAC
2708	CGCAGCATCCGAGTTAACACACAT	ATGTGTGTTAACTCGGATGCTGCG
2709	ATGAGCCTGGGATGATCCGCTGGT	ACCAGCGGATCATCCCAGGCTCAT
2710	CCTGGCATAAGTGCCGACATGCTT	AAGCATGTCGGCACTTATGCCAGG
2711	GCGCATGAAAAACTACGACGGACG	CGTCCGTCGTAGTTTTTCATGCGC
2712	AAAGATGGGTCGATGGGAGCGTCT	AGACGCTCCCATCGACCCATCTTT
2713	ATCCTGGGCACGAGCGGATTTATC	GATAAATCCGCTCGTGCCCAGGAT
2714	TCACCGCATTTGATAGTTACGCGA	TCGCGTAACTATCAAATGCGGTGA
2715	TGGTGGAGCGGACTCTGGTGTTAT	ATAACACCAGAGTCCGCTCCACCA
2716	CACAATGAAAAAACAATGGCCCCA	TGGGGCCATTGTTTTTCATTGTG
2717	CCTTGCCGCGCTTGTGGTACCAAC	GTTGGTACCACAAGCGCGGCAAGG
2718	CCGAGACCTTTGCCACACGAAAGA	TCTTTCGTGTGGCAAAGGTCTCGG
2719	ACCGCGGTGTACACCTGAGCAGGC	GCCTGCTCAGGTGTACACCGCGGT
2720	GTCGTACGCTTACCGCAGCGGAGA	TCTCCGCTGCGGTAAGCGTACGAC
2721	TCGTAATTTGACCGACACACGCAG	CTGCGTGTGTCGGTCAAATTACGA
2722	CCTAGACGGATACCCTGAGCGGAA	TTCCGCTCAGGGTATCCGTCTAGG
2723	AAGCGACAGCAGAGGTTCAGTCGC	GCGACTGAACCTCTGCTGTCGCTT
2724	GCGTGGACGATATCACCTGGGCGT	ACGCCCAGGTGATATCGTCCACGC
2725	GTCGGAGAGCCAGTGGTACGGCTT	AAGCCGTACCACTGGCTCTCCGAC
2726	TATCCGCACGGTATAGCAGTTGCA	TGCAACTGCTATACCGTGCGGATA
2727	CATCAGTCGGGCTACCTTCAGCCT	AGGCTGAAGGTAGCCCGACTGATG
2728	CGGATTAATGCCTTTCCTCGGAAT	ATTCCGAGGAAAGGCATTAATCCG
2729	TTCGTCGTGCCAAGCTAATGCAAG	CTTGCATTAGCTTGGCACGACGAA
2730	GGCCGAGACCACCAGTAACAGGTT	AACCTGTTACTGGTGGTCTCGGCC
2731	CGCGCGGAAGCATTGAAGTTACTA	TAGTAACTTCAATGCTTCCGCGCG
2732	TCGGCTTACCGCTTCGTCTGACTT	AAGTCAGACGAAGCGGTAAGCCGA
2733	GACTGACGTCAAGGCAAGCACAC	GTGTTGCTTGCCTTGACGTCAGTC
2734	AGAGGAAGGAGGGCTGTGACAGA	TCTGTCACAGCCCCTCCTTCCTCT
2735	TTCCAATGCGAGAGATGGCAGGCT	AGCCTGCCATCTCTCGCATTGGAA
2736	AAATGGGGTGCTTCGAATATGTCG	CGACATATTCGAAGCACCCCATTT
2737	GCTGTCGGATTATTGCACGCCTGT	ACAGGCGTGCAATAATCCGACAGC
2738	CCGACTTTGTTTATGTTGCTGGCG	CGCCAGCAACATAAACAAAGTCGG
2739	GCTGCGATATAACCCGTCCCAGAA	TTCTGGGACGGGTTATATCGCAGC
2740	TGAGCTGGGCGTCAACTCCGAAGA	TCTTCGGAGTTGACGCCCAGCTCA
2741	CCCAAGCATCCTAAATCTCCCTCG	CGAGGGAGATTTAGGATGCTTGGG
2742	CGACAGCAATCCACATGCATTCTT	AAGAATGCATGTGGATTGCTGTCG
2743	TGAATGGTCGGGAAACCAATGCAT	ATGCATTGGTTTCCCGACCATTCA

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2745	TCCATTTCCTCCGCAACTCTCAGG	CCTGAGAGTTGCGGAGGAAATGGA
2746	CCACTACGCCATCCTGACAACGAG	CTCGTTGTCAGGATGGCGTAGTGG
2747	TAGTAAGGCCAATGTACGCCGTCC	GGACGGCGTACATTGGCCTTACTA
2748	GTCATGCATATGGGGCCTGTTTTC	GAAAACAGGCCCCATATGCATGAC
2749	ACCGGTAGACGTTAGCGGGTTCAA	TTGAACCCGCTAACGTCTACCGGT
2750	TTGGTTCAAACGGCCACACGTCTC	GAGACGTGTGGCCGTTTGAACCAA
2751	GACACAAACTGCAAGGGAGGCATG	CATGCCTCCCTTGCAGTTTGTGTC
2752	CTCGAGCGCTGTCATCATATCGGC	GCCGATATGATGACAGCGCTCGAG
2753	GCGGCTAAGGCACAAGTAGACGTG	CACGTCTACTTGTGCCTTAGCCGC
2754	ACAGCCTAAATGGCGCAAGACCGA	TCGGTCTTGCGCCATTTAGGCTGT
2755	CCGATGATGTAAGCCGTCGGCCCT	AGGGCCGACGGCTTACATCATCGG
2756	AGGAGCAAACAAACGCCAGTGACA	TGTCACTGGCGTTTGTTTGCTCCT
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2758	CTGTTCCAGTTCGGCAAGTGCGGC	GCCGCACTTGCCGAACTGGAACAG
2759	AGACAAGTCAGGAACGCGTTTCCG	CGGAAACGCGTTCCTGACTTGTCT
2760	AGACGACGGCCAGATACGCTGCCA	TGGCAGCGTATCTGGCCGTCGTCT
2761	AGGAAGCGCTTCTTCCGGTTCTTC	GAAGAACCGGAAGAAGCGCTTCCT
2762	GATGGACGCAAACACAAGGCGATC	GATCGCCTTGTGTTTGCGTCCATC
2763	CGCATAGCAGTCTCCGCATCTTGG	CCAAGATGCGGAGACTGCTATGCG
2764	TGGTTCCGGTGTGCAACAGATAAA	TTTATCTGTTGCACACCGGAACCA
2765	CCGTATGCCACCTCCAGAACTCAA	TTGAGTTCTGGAGGTGGCATACGG
2766	GTAAAGGAACCCCTCGGGAATCCT	AGGATTCCCGAGGGGTTCCTTTAC
2767	GCCTGATGCTCGTTAAAATTGCGT	ACGCAATTTTAACGAGCATCAGGC
2768	TCGCACTTGGACCATGAGATCTGA	TCAGATCTCATGGTCCAAGTGCGA
2769	TTCTCAGGCTGGGCAAGAGTCTGT	ACAGACTCTTGCCCAGCCTGAGAA
2770	CGGACCTGGGGATTAC	GTAATCCCAGCATCCCCAGGTCCG
2771	TCGAGCCGATAGGGTTGGCATTGC	GCAATGCCAACCCTATCGGCTCGA
2772	TACGTGTGTCCCACACGCGTCGTA	TACGACGTGTGTGGGACACACGTA
2773	TGTGAAATTCGCGTTTCGCATCTT	AAGATGCGAAACGCGAATTTCACA
2774	TTGCAATGCTCCAAAAAAACTGCC	GGCAGTTTTTTTGGAGCATTGCAA
2775	TCTCATCATGGCTGTGGCTTTGAC	GTCAAAGCCACAGCCATGATGAGA
2776	ATTACACCGCTTGGTTTGGAGTGG	CCACTCCAAACCAAGCGGTGTAAT
2777	GCCGTGCAATGCACAGAGTTCAAG	CTTGAACTCTGTGCATTGCACGGC
2778	GAGATCAGACCGTGTCGGATGCTG	CAGCATCCGACACGGTCTGATCTC
2779	CCACCTATCTTGATGCGACCTGGA	TCCAGGTCGCATCAAGATAGGTGG
2780	CCGATCGCCGTTTATGTCTACGGC	GCCGTAGACATAAACGGCGATCGG
2781	GAAAATCACGGTAAGGCACGTTCG	CGAACGTGCCTTACCGTGATTTTC
2782	GATTCTCGCTTCCCAACGAGCATA	TATGCTCGTTGGGAAGCGAGAATC
2783	TGTGAAATGTGGCAGTCTCAGGGA	TCCCTGAGACTGCCACATTTCACA
2784	CGATCCTGCGTGCCTCATCCAGGC	GCCTGGATGAGGCACGCAGGATCG

CTTTGCATCGAGATGCGGGGTAGC

GCTACCCGCATCTCGATGCAAAG

2785	CCCTCAAGTGGGCGAGGGTTTTCA	TGAAAACCCTCGCCCACTTGAGGG
2786	TCGCCTCGCCTCGTGTGTAGAAG	CTTCTACACACGAGGCGAGGCGA
2787	TTCGCTTTCAGCTCATTGGAACGA	TCGTTCCAATGAGCTGAAAGCGAA
2788	TGTAATCTGAACAAGCGGACCCCT	AGGGGTCCGCTTGTTCAGATTACA
2789	TGGAATCTTTCTTGAGCGCCGTGA	TCACGGCGCTCAAGAAAGATTCCA
2790	GGCTTTCATCTTTAACCGCTCGGT	ACCGAGCGGTTAAAGATGAAAGCC
2791	TGATCCGAGCCATTCCTAATCACC	GGTGATTAGGAATGGCTCGGATCA
2792	TGGTAGGCGTGATGTCCTACGCAA	TTGCGTAGGACATCACGCCTACCA
2793	AGGCATCGGTAAGAAGGCCCTATG	CATAGGGCCTTCTTACCGATGCCT
2794	CGCCGCGAGACGATCCTTATTATT	AATAATAAGGATCGTCTCGCGGCG
2795	ACATGGACGAAATTACGCCCGTCA	TGACGGCGTAATTTCGTCCATGT
2796	ACAGAAAGGTGGGGAGCCTAGCGT	ACGCTAGGCTCCCCACCTTTCTGT
2797	AGGCTTGCGAACATGGGTAGTGAC	GTCACTACCCATGTTCGCAAGCCT
2798	GCGTGGGCCTTGCTCCTGTTTAAC	GTTAAACAGGAGCAAGGCCCACGC
2799	GAATACAGAGCGTCCGATGTGCCC	GGGCACATCGGACGCTCTGTATTC
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2801	GGTGCACTCATATGCGTCGCATCG	CGATGCGACGCATATGAGTGCACC
2802	CTGTCCCACGGGGAAACCTTACTT	AAGTAAGGTTTCCCCGTGGGACAG
2803	TGGCTTACTGTCGCAATCTAGGCC	GGCCTAGATTGCGACAGTAAGCCA
2804	GCACTCAGTTTCCGGTATCCCATG	CATGGGATACCGGAAACTGAGTGC
2805	GTGAGGTTCACGTAAGGCACAGCG	CGCTGTGCCTTACGTGAACCTCAC
2806	GTAACGCCTTTGTCCCCAGCGTAT	ATACGCTGGGGACAAAGGCGTTAC
2807	GCATTGATATGGTCGGTCTCGCCT	AGGCGAGACCGACCATATCAATGC
2808	GTGGGTTTAAGTGACAACGGACGC	GCGTCCGTTGTCACTTAAACCCAC
2809	CAAAACCCTGCCGAAGATGTTGGT	ACCAACATCTTCGGCAGGGTTTTG
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2811	CGGGGAAGAACGGATTCGCTAAAT	ATTTAGCGAATCCGTTCTTCCCCG
2812	TGGTTAGCTTATGTCGGAGCCACC	GGTGGCTCCGACATAAGCTAACCA
2813	ACGCGTCGATGAACTAAGGCTCGC	GCGAGCCTTAGTTCATCGACGCGT
2814	TTCTCCTGACGAGTACGCAGTGGG	CCCACTGCGTACTCGTCAGGAGAA
2815	TCCGCGGTTGCCGGTTTGTTAGGA	TCCTAACAAACCGGCAACCGCGGA
2816	TGGCGCATCTTTCAGGGGATGATG	CATCATCCCCTGAAAGATGCGCCA
2817	TCTTTGGTCCTTGGTGTTTACGCG	CGCGTAAACACCAAGGACCAAAGA
2818	GAGAACTCCCGCTACAAAGGAGCC	GGCTCCTTTGTAGCGGGAGTTCTC
2819	TTAACGTGGGAACCGTTGGTGAAT	ATTCACCAACGGTTCCCACGTTAA
2820	GGGACACCATCCTTGGGTTTGTTA	TAACAAACCCAAGGATGGTGTCCC
2821	CAACAAACCGCCTTGGGAAGTGAC	GTCACTTCCCAAGGCGGTTTGTTG
2822	TTGAAGGCCACCGATACTGATCGC	GCGATCAGTATCGGTGGCCTTCAA
2823	TCGTAATAGAACTGCGCCCAATGC	GCATTGGGCGCAGTTCTATTACGA
2824	GGCACGTTGCCCAAGTTGGATCCA	TGGATCCAACTTGGGCAACGTGCC
2825	ACATAGCTTGGCCGGACACCCACC	GGTGGGTGTCCGGCCAAGCTATGT

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2826 2827	CTTGCCGCCTTGCGAGTGGCTAAA	TTTAGCCACTCGCAAGGCGGCAAG
2827		
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2829	CGTCCACTTAGGTGGAGATACGCC	GGCGTATCTCCACCTAAGTGGACG
2830	GAGCCTCTTCGTCCTGAAGACCGA	TCGGTCTTCAGGACGAAGAGGCTC
2831	AACATCAAGCGGCAATCTCCCTTC	GAAGGGAGATTGCCGCTTGATGTT
2832	CGTCCTGACATTATTAGCGCGTGC	GCACGCGCTAATAATGTCAGGACG
2833	TGTGCAGACCTAACGACCTACGG	CCGTAGGTCGTTAGGGTCTGCACA
2834	TTAGGTCGGCCTAGACCCTCCGTA	TACGGAGGGTCTAGGCCGACCTAA
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2839	GTGCCGATCCCGAGACAAGTTCCG	CGGAACTTGTCTCGGGATCGGCAC
2840	CATCCGGCCTCAGTGATTCTTACC	GGTAAGAATCACTGAGGCCGGATG
2841	TGCTGGAAGCCACAAACGTTACGT	ACGTAACGTTTGTGGCTTCCAGCA
2842	GAACGGCCAGGGGACAACTATCGT	ACGATAGTTGTCCCCTGGCCGTTC
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2844	TTTGGTTACCAGCACCCATGTTCC	GGAACATGGGTGCTGGTAACCAAA
2845	GACAACAGTCTGTCCGCCACATCC	GGATGTGGCGGACAGACTGTTGTC
2846	GCCAACAGGAGATGCTTGCACCAT	ATGGTGCAAGCATCTCCTGTTGGC
2847	CTAAGGACGCATTGACCCCTGAAC	GTTCAGGGGTCAATGCGTCCTTAG
2848	GGTCGCGTAGTGAGTCAGAGGCGT	ACGCCTCTGACTCACTACGCGACC
2849	TTACCTCATGAACCCTTCGCGGCG	CGCCGCGAAGGGTTCATGAGGTAA
2850	TATACAGCATCGTCGCCGGGCATA	TATGCCCGGCGACGATGCTGTATA
2851	GCTTAGTGGCGTCTTCGTCGTAGG	CCTACGACGAAGACGCCACTAAGC
2852	TGCACTCCGCAACCTTGTGAAATC	GATTTCACAAGGTTGCGGAGTGCA
2853	AACCCGTCATGCCGACTCCATCTA	TAGATGGAGTCGGCATGACGGGTT
2854	AGCACTAGTGGCGTGCGACTTTGC	GCAAAGTCGCACGCCACTAGTGCT
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2858	CGAACTACTGCGTCAGCCTCTCCC	GGGAGAGGCTGACGCAGTAGTTCG
2859	AGATGACGAATTAGCGGGGTTGGG	CCCAACCCGCTAATTCGTCATCT
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2862	AGAGTGGGCACCACCAGGCAGACA	TGTCTGCCTGGTGGTGCCCACTCT
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2864	CGGACGTGACAAACGGACATACCC	GGGTATGTCCGTTTGTCACGTCCG
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2866	GAACCCTTATCGGGATAGGCCCAA	TTGGGCCTATCCCGATAAGGGTTC

2867	CAGGACGATACCAAGCAGAACGCC	GGCGTTCTGCTTGGTATCGTCCTG
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2869	AAACAACCATCAATGTCGGGTCCA	TGGACCCGACATTGATGGTTGTTT
2870	TGTAAAGACCAGTTGGCGGCTCTC	GAGAGCCGCCAACTGGTCTTTACA
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2872	TGTATGGAGGCACGGCAAAGTCTT	AAGACTTTGCCGTGCCTCCATACA
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2875	CCGGCTCGGGCATTTCTTGGACCT	AGGTCCAAGAAATGCCCGAGCCGG
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2879	CATGGTGCAGCACGCACAAGTAAC	GTTACTTGTGCGTGCTGCACCATG
2880	CGTCGATATGTCGGGCTATTGCCT	AGGCAATAGCCCGACATATCGACG
2881	AAATGCAGGGTTAAGAGGAGGCCC	GGGCCTCCTCTTAACCCTGCATTT
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2886	GAAAGAACGATCGCGGAATAGCTG	CAGCTATTCCGCGATCGTTCTTTC
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2889	TTGAGATTTTTACGGTTTCCCCGC	GCGGGAAACCGTAAAAATCTCAA
2890	CGATAGGACGTGGGCATGTCCCAG	CTGGGACATGCCCACGTCCTATCG
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2894	ACGCTTAGAGCTCCGATGCCGAAT	ATTCGGCATCGGAGCTCTAAGCGT
2895	GGGCGATAACTTAAATTGTGCCGC	GCGGCACAATTTAAGTTATCGCCC
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2900	CGTTTGGTTGCTTCAAGAACCGGT	ACCGGTTCTTGAAGCAACCAAACG
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2902	GGGGTCGGCTGAAGTGTTTTATCC	GGATAAAACACTTCAGCCGACCCC
2903	GTGACGGTTGATTAACGACCGTGG	CCACGGTCGTTAATCAACCGTCAC
2904	CTTATGGCAGCGCCAGGGGCACTC	GAGTGCCCCTGGCGCTGCCATAAG
2905	GTTAGGGGACCCACCTCGTTTGAT	ATCAAACGAGGTGGGTCCCCTAAC
2906	CAATATAAATGCCGCGCATCGAGT	ACTCGATGCGCGGCATTTATATTG
2907	TTCTTCATCAGCAGTCCCCGAGAA	TTCTCGGGGACTGCTGATGAAGAA

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2908	AGTTGCGTCCCTTGATGGCATTTT	AAAATGCCATCAAGGGACGCAACT
2909	CCGACTTTCGTCCACGATTCCTCT	AGAGGAATCGTGGACGAAAGTCGG
2910	ACTTGGCCGGACGACAGCAAAGAC	GTCTTTGCTGTCGTCCGGCCAAGT
2911	CACCGCGGTAGATGTATCCCTTCC	GGAAGGGATACATCTACCGCGGTG
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2913	GCGCATAAGAAGGTCCGCTAAAGC	GCTTTAGCGGACCTTCTTATGCGC
2914	ACATCATCACGCCTGGCGTGACCA	TGGTCACGCCAGGCGTGATGATGT
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2916	TGCACCGCCAGATTGTGCTGAGTC	GACTCAGCACAATCTGGCGGTGCA
2917	ACATGTGAAGTGAGTGCCGTCCAA	TTGGACGCACTCACTTCACATGT
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2922	GTATACCGGTGCATGCTGAAGCAA	TTGCTTCAGCATGCACCGGTATAC
2923	AGTGTTCTGGTTCGAGTCGACCCG	CGGGTCGACTCGAACCAGAACACT
2924	CGGGTATTCGACACACACGAGGAC	GTCCTCGTGTGTGTCGAATACCCG
2925	AGTGCAACAGAGCGCTTGGTCACG	CGTGACCAAGCGCTCTGTTGCACT
2926	TGCACCTATAGTTTGGTGCCGGTG	CACCGGCACCAAACTATAGGTGCA
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2928	AGTCCACACCTCGAACGACAGGCG	CGCCTGTCGTTCGAGGTGTGGACT
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2931	TGTGCGTGCTTATGTTCCGGTCTC	GAGACCGGAACATAAGCACGCACA
2932	CAACCGTTGGCCGTAACAAAAATC	GATTTTTGTTACGGCCAACGGTTG
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2934	GCGTAGGCAGCCTCCAGGGAATGG	CCATTCCCTGGAGGCTGCCTACGC
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2936	CAAGCTAGGGACAGAATTGCCCAC	GTGGGCAATTCTGTCCCTAGCTTG
2937	TAAATAGGCGAAACCGTTCGTGGC	GCCACGAACGGTTTCGCCTATTTA
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2939	GCGGCTGGTAGACTCTTTGCACAA	TTGTGCAAAGAGTCTACCAGCCGC
2940	CAGGCGTAAACCTGAACCAAACGG	CCGTTTGGTTCAGGTTTACGCCTG
2941	GCCGATCTGTGCTGAGGTTCATCA	TGATGAACCTCAGCACAGATCGGC
2942	GATATCGCGTCGCAATATCACGCG	CGCGTGATATTGCGACGCGATATC
2943	CCCTGCACGATTAAGCCACCTGTA	TACAGGTGGCTTAATCGTGCAGGG
2944	TGACATACAGATTTGTGTGGCCCC	GGGGCCACACAATCTGTATGTCA
2945	GTTTGCGGCCGGTATTCACGATGT	ACATCGTGAATACCGGCCGCAAAC
2946	TTTTACCTGGCCATTGGTGAGCTC	GAGCTCACCAATGGCCAGGTAAAA
2947	CTCTACTCAATCAGGGTGGGAGCG	CGCTCCCACCCTGATTGAGTAGAG
2948	GGGTTGGAGGGAGTCTTGACCATT	AATGGTCAAGACTCCCTCCAACCC

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2949	CGAGGTCGGTAAGGAAAAGCTTGC	GCAAGCTTTTCCTTACCGACCTCG
2950	CTTTACGCAGGCACCTCCGAGCTG	CAGCTCGGAGGTGCCTGCGTAAAG
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2959	ACTATGGCAACCGACACTTGGTCC	GGACCAAGTGTCGGTTGCCATAGT
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2961	TAGTATCGCCCGACAATAGCCTGG	CCAGGCTATTGTCGGGCGATACTA
2962	CCAATATTTACGGCCTGATCAGCG	CGCTGATCAGGCCGTAAATATTGG
2963	ATGGCTATCCCTTACTGGCTCGCC	GGCGAGCCAGTAAGGGATAGCCAT
2964	CAAAACTTGGCAGGCTTGGGACTT	AAGTCCCAAGCCTGCCAAGTTTTG
2965	AATGACCGAGGCTGCAAGATTGAC	GTCAATCTTGCAGCCTCGGTCATT
2966	ATCATCTTTCGCCACCAGACATGG	CCATGTCTGGTGGCGAAAGATGAT
2967	CGTTATTACCGATGCACACGTTGC	GCAACGTGTGCATCGGTAATAACG
2968	CACACTGGCAATCGCCTCCCTCGT	ACGAGGAGGCGATTGCCAGTGTG
2969	AGGTTGGTAGGAAATCGGAGCGCT	AGCGCTCCGATTTCCTACCAACCT
2970	GCTGAACCACTGTGGTCAAGATGC	GCATCTTGACCACAGTGGTTCAGC
2971	CGTTGAGTACGACACGGTCGAGGT	ACCTCGACCGTGTCGTACTCAACG
2972	TTTTTCCGCCGCAATGTGATCTAA	TTAGATCACATTGCGGCGGAAAAA
2973	ACAATACCTCGACCGCTCAGCATC	GATGCTGAGCGGTCGAGGTATTGT
2974	AGTATCCCTGCTGGCATACACGGG	CCCGTGTATGCCAGCAGGGATACT
2975	TCTTGGGCTCGGTAGTTCAGCACT	AGTGCTGAACTACCGAGCCCAAGA
2976	CCCTATATCGAGCCCATAGGGCGA	TCGCCCTATGGGCTCGATATAGGG
2977	CACGAGTGGCATCAACGGCCTACT	AGTAGGCCGTTGATGCCACTCGTG
2978	TGCAGGGTCCGATGTGTTCAAGTA	TACTTGAACACATCGGACCCTGCA
2979	GCTTGACCGCTGCTAACCTCGTAC	GTACGAGGTTAGCAGCGGTCAAGC
2980	TTTTGCATCTCTCCACCATCCAGA	TCTGGATGGTGGAGAGATGCAAAA
2981	AGAATGTGCACCGGCTTCCATCTT	AAGATGGAAGCCGGTGCACATTCT
2982	TGTTATGACCCGCTCTGTGGCGTG	CACGCCACAGAGCGGGTCATAACA
2983	GGAGCTCCTGTTTCATCGAGGCTA	TAGCCTCGATGAAACAGGAGCTCC
2984	CATTTTGCTGTTTGGGGGTCCCAT	ATGGGACCCCAAACAGCAAAATG
2985	CCCGCTCCTTCACGTGAGACGAGA	TCTCGTCTCACGTGAAGGAGCGGG
2986	GCGCTCAAGTCGATTGCCACAACC	GGTTGTGGCAATCGACTTGAGCGC
2987	CGGTTGACGGAGACCGCAGTACTT	AAGTACTGCGGTCTCCGTCAACCG
2988	ACTCAAGACCGGTGCACCTCCAGC	GCTGGAGGTGCACCGGTCTTGAGT
2989	TTTCGTGTGCATGCAAGTAATGGC	GCCATTACTTGCATGCACACGAAA

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2990 GCGGCGTTAGCTCGAGCTAACAAA TTTGTTAGCTCGAG 2991 GGGTATCCTGCCCGAGCAGTAATT AATTACTGCTCGGG 2992 GGCTCCGAATCTCTTGTCCGGTCT AGACCGGACAAGAC 2993 AGGATGGCCACGCCGAATCAAAGT ACTTTGATTCGGCG 2994 GTGCGGGGACGTTTACATAACGAG CTCGTTATGTAAACC 2995 ACTTTTGACCTGAGGCCGCTTGCA TGCAAGCGGCCTCA 2996 ACTCCGCTTCAATGGAGACCGTTG CAACGGTCTCCATTC 2997 GATCGGAATTCGCCGCCATATTGA TCAATATGGCGGCG 2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATC 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACAGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTAGGCGCCC 3010 TATTGTTAGGCACCGCTCACTCC GGAGGAGCGCCCCCGTGTT 3011 GGAACTAGATTGCCAAGCG CGCGAACCACCCCCACGTGTCCCCCAACCCCCCCCCC	CAGGATACCC GATTCGGAGCC TGGCCATCCT GTCCCCGCAC AGGTCAAAAGT GAAGCGGAGT
2992 GGCTCCGAATCTCTTGTCCGGTCT AGACCGGACAAGAC 2993 AGGATGGCCACGCCGAATCAAAGT ACTTTGATTCGGCG 2994 GTGCGGGGACGTTTACATAACGAG CTCGTTATGTAAACC 2995 ACTTTTGACCTGAGGCCGCTTGCA TGCAAGCGGCCTCA 2996 ACTCCGCTTCAATGGAGACCGTTG CAACGGTCTCCATTC 2997 GATCGGAATTCGCCGCCATATTGA TCAATATGGCGGCG 2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATC 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT	SATTCGGAGCC TGGCCATCCT GTCCCCGCAC AGGTCAAAAGT GAAGCGGAGT
2993 AGGATGGCCACGCCGAATCAAAGT ACTTTGATCGGCG 2994 GTGCGGGGACGTTTACATAACGAG CTCGTTATGTAAACC 2995 ACTTTTGACCTGAGGCCGCTTGCA TGCAAGCGGCCTCA 2996 ACTCCGCTTCAATGGAGACCGTTG CAACGGTCTCCATTC 2997 GATCGGAATTCGCCGCCATATTGA TCAATATGGCGGCG 2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATC 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCTC 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	TGGCCATCCT GTCCCCGCAC AGGTCAAAAGT GAAGCGGAGT
2994 GTGCGGGACGTTTACATAACGAG CTCGTTATGTAAACG 2995 ACTTTTGACCTGAGGCCGCTTGCA TGCAAGCGGCCTCA 2996 ACTCCGCTTCAATGGAGACCGTTG CAACGGTCTCCATTG 2997 GATCGGAATTCGCCGCCATATTGA TCAATATGGCGGCG 2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATCG 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCGG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCGG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAGG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACAGAACACGGCAATCAGGA TCCTGATTGCCTGTT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCTC 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTGCCCCAAGCCGCC	GAAGCGGAGT
2995 ACTITIGACCTGAGGCCGCTTGCA TGCAAGCGGCCTCA 2996 ACTCCGCTTCAATGGAGACCGTTG CAACGGTCTCCATTG 2997 GATCGGAATTCGCCGCCATATTGA TCAATATGGCGGCG 2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATC 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCTC 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCCGAAGCGGTG	AGGTCAAAAGT GAAGCGGAGT
2996 ACTCCGCTTCAATGGAGACCGTTG CAACGGTCTCCATTG 2997 GATCGGAATTCGCCGCCATATTGA TCAATATGGCGGCG 2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATCG 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCTG 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	GAAGCGGAGT
2997 GATCGGAATTCGCCGCCATATTGA TCAATATGGCGGCGCG 2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATC 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCTG 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	
2998 ATGCGTGCCCATGGAATGACTTTT AAAAGTCATTCCATG 2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCCAAGCGCCTCAACTCC GGAGTTGAGGCGCTC 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	AATTCCGATC
2999 CCGCATCGCACGAAGGCAGGTCAT ATGACCTGCCTTCG 3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCTC 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	
3000 CACCCTATGCGTCTCCAATTCCTG CAGGAATTGGAGAC 3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	GGCACGCAT
3001 TGATATGCATCGCTGAGCCTCTGT ACAGAGGCTCAGCG 3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	TGCGATGCGG
3002 AGCTTCACACGCTCACTGAACCTG CAGGTTCAGTGAGC 3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAG 3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	GCATAGGGTG
3003 AACCCGGAACCTCCTCTCACTCGG CCGAGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	ATGCATATCA
3004 CTCGTCAAACTTGGCCGAGGAGTC GACTCCTCGGCCAA 3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	GTGTGAAGCT
3005 GTAGCTGGCAACAGGCAATCAGGA TCCTGATTGCCTGTT 3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	GTTCCGGGTT
3006 CTTGTCACGAATATTCGCCAAGCG CGCTTGGCGAATAT 3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	GTTTGACGAG
3007 CAGTATCTGAAACACGGGGTGCTG CAGCACCCCGTGTT 3008 GGCTAAAATGGGCGCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	GCCAGCTAC
3008 GGCTAAAATGGGCGCCCACGTGTA TACACGTGGGCGCC 3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	CGTGACAAG
3009 ATGAGAGCCAAGCGCCTCAACTCC GGAGTTGAGGCGCT 3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	TCAGATACTG
3010 TATTGTTAGGCACCGCTTCGCGCT AGCGCGAAGCGGTG	CATTTTAGCC
note that the second control of the second c	TGGCTCTCAT
2011 CCAACTACATTOOCACTCCTCTCT	CCTAACAATA
3011 GGAACTAGATTGCCAGTGCTCGCC GGCGAGCACTGGCA	ATCTAGTTCC
3012 AGTCGACCCCAAGGCAACTGGGTC GACCCAGTTGCCTTC	GGGTCGACT
3013 GGTACTGTTAGCTCGACGATGGCC GGCCATCGTCGAGC	TAACAGTACC
3014 CCGCAATACTTGACGGTAACAGGG CCCTGTTACCGTCAA	GTATTGCGG
3015 AATTCCGGGTTTGAACGGTTGGAA TTCCAACCGTTCAAA	CCCGGAATT
3016 GACACGCAATCGGGTCTATGCGAA TTCGCATAGACCCGA	TTGCGTGTC
3017 GATTTTGGCGTCTCATTGCGTGAT ATCACGCAATGAGAC	GCCAAAATC
3018 TGCCATAGGGAGGAAACGCAATTA TAATTGCGTTTCCTC	CCTATGGCA
3019 GAGGTGCCCATGTTAGTGGTGTCC GGACACCACTAACAT	GGGCACCTC
3020 GCTTTAGCGGTCATACGACCACCA TGGTGGTCGTATGAC	CGCTAAAGC
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3022 GAGGATCTGGCCACATCGAGAAAG CTTTCTCGATGTGGC	CAGATCCTC
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3030 AGTATCAAATAGCGGCGCGCAAG CTTGCCGCGCCGCTA	TTTACGGAG CCTGTTCGT

3031	GAATTACATTGTGGATGGAGGCGG	CCGCCTCCATCCACAATGTAATTC
3032	CTCCTCGGGGAGTCGAGGAGTACG	CGTACTCCTCGACTCCCCGAGGAG
3033	AGTGTCGAGCCAACTCCCACCAAT	ATTGGTGGGAGTTGGCTCGACACT
3034	AAATGACATCCGTTTGGCCACAGC	GCTGTGGCCAAACGGATGTCATTT
3035	CGAATCATATCGCCATCGAACTGG	CCAGTTCGATGGCGATATGATTCG
3036	TATAATGCACTCGCTTGGTGCGCA	TGCGCACCAAGCGAGTGCATTATA
3037	GCCAAGCAGATGGTAATTATGGCG	CGCCATAATTACCATCTGCTTGGC
3038	CACGCGGGAAGAGCACGTAGAACT	AGTTCTACGTGCTCTTCCCGCGTG
3039	TACCCGAGAATTTGGAGAACAGCG	CGCTGTTCTCCAAATTCTCGGGTA
3040	TGACGGCAAACTGTGGCATCTATC	GATAGATGCCACAGTTTGCCGTCA
3041	CACAGTGTTCCAGCCCTTGACGAT	ATCGTCAAGGGCTGGAACACTGTG
3042	TACCCGCCCACACATGAAAGTTGG	CCAACTTTCATGTGTGGGCGGGTA
3043	TGGCATATTTAAGATTCGGCGACG	CGTCGCCGAATCTTAAATATGCCA
3044	ACTGAAAAAAGAACGGGTAGCGGG	CCCGCTACCCGTTCTTTTTCAGT
3045	TCTGACCGCAATAGGTGGTCATTG	CAATGACCACCTATTGCGGTCAGA
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3047	CTGCCCAGATCATTGCGCGATCCG	CGGATCGCGCAATGATCTGGGCAG
3048	CGGAGGTTAAATGCTTTAACCGGC	GCCGGTTAAAGCATTTAACCTCCG
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3050	AGATGCTATCCTGAGTGGGCCTGC	GCAGGCCCACTCAGGATAGCATCT
3051	ACAGGGTGAAGAGACCGTGGGATG	CATCCCACGGTCTCTTCACCCTGT
3052	GACTGTCTAACGGACGACGACG	CGTCGTGTCGTCCGTTAGACAGTC
3053	AGCTGTTAGGACCCGACAACCGGT	ACCGGTTGTCGGGTCCTAACAGCT
3054	TTGCGTAGTGTGGGCATTTCCTCT	AGAGGAAATGCCCACACTACGCAA
3055	ATGCGCGCTTCTTTCCTTGATGTA	TACATCAAGGAAAGAAGCGCGCAT
3056	TTAAGGGCGTCCGCGTCTATTCAG	CTGAATAGACGCGGACGCCCTTAA
3057	ACCTTTAAACTTGTACCGCGGCCC	GGGCCGCGGTACAAGTTTAAAGGT
3058	AGGGATGCAGAGGCACCACATGTT	AACATGTGGTGCCTCTGCATCCCT
3059	CGGTTCGACGTATGAGCATCCGCA	TGCGGATGCTCATACGTCGAACCG
3060	CAGGGCGATAGTCACATGGAGGTT	AACCTCCATGTGACTATCGCCCTG
3061	GCTTGACTGCCCCGTTTCATATGT	ACATATGAAACGGGGCAGTCAAGC
3062	CGAAGGGTTGTGCAATTACCCGA	TCGGGTAATTGCACAACCCCTTCG
3063	AAAACGCACCGCAATGACAAAATT	AATTTTGTCATTGCGGTGCGTTTT
3064	ATTCCTGGACAAGACCCTCAACCG	CGGTTGAGGGTCTTGTCCAGGAAT
3065	CCTACCTGCCTGCTAGCGGTGAGG	CCTCACCGCTAGCAGGCAGGTAGG
3066	GCTCGTAAATGGGGAGGAATTGGA	TCCAATTCCTCCCCATTTACGAGC
3067	ACATGAAAACAGGCTCAATTGGGG	CCCCAATTGAGCCTGTTTTCATGT
3068	GTTCCGCACATGGATTGAGGTCTC	GAGACCTCAATCCATGTGCGGAAC
3069	GGCACCCAATACCACGAAGAAGAA	TTCTTCTTCGTGGTATTGGGTGCC
3070	AGGGCATTTCGAACTCCATCTTT	AAAGATGGAGTTCGAAATGCCCCT
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3072	TAAAGACCCACCGTCAGCAGCAGC	GCTGCTGACGGTGGGTCTTTA
3073	CCCCAGGCGTAATGCACCACATAG	CTATGTGGTGCATTACGCCTGGGG
3074	GCAGGTCGAACGCTAGTGGTTGAA	TTCAACCACTAGCGTTCGACCTGC
3075	GGAACTTAGGAGTTCACGTCGCCA	TGGCGACGTGAACTCCTAAGTTCC
3076	GCAGATACGGCTAGCTGAGGTGGC	GCCACCTCAGCTAGCCGTATCTGC
3077	CACAGGCCTAGAGCCTCGGCGTTC	GAACGCCGAGGCTCTAGGCCTGTG
3078	GTTTTGCGCGCATGAGGTTCATTA	TAATGAACCTCATGCGCGCAAAAC
3079	TTGCGCCTGATGCCAGCAGTACTA	TAGTACTGCTGGCATCAGGCGCAA
3080	GATATCAGGCTTTCCCACTGCCGC	GCGGCAGTGGGAAAGCCTGATATC
3081	TGCGCGGAGACGGAGATCTATGAA	TTCATAGATCTCCGTCTCCGCGCA
3082	CATTGGTGTTGGCTGAGAGTGGAC	GTCCACTCTCAGCCAACACCAATG
3083	GTCGGCACTTGGGCACCATTAATA	TATTAATGGTGCCCAAGTGCCGAC
3084	ATCGATCGGTGTCTCACCACGGAG	CTCCGTGGTGAGACACCGATCGAT
3085	CGTAGCCTTCCACCGTGTCGATAG	CTATCGACACGGTGGAAGGCTACG
3086	CGCTCTCCGTCTGAGGAAAAGGGG	CCCCTTTTCCTCAGACGGAGAGCG
3087	TCGCCCCAGCCAAGGATATATTGC	GCAATATATCCTTGGCTGGGGCGA
3088	TCTCTTGCAAGGAACTCTGCCGTC	GACGGCAGAGTTCCTTGCAAGAGA
3089	GTCCTGGACAGACGGAGGGTGTTA	TAACACCCTCCGTCTGTCCAGGAC
3090	GCCAAATTAAGCGGGCTCGTAATC	GATTACGAGCCCGCTTAATTTGGC
3091	CCATTTGTTGACCGATGGGAGGGG	CCCCTCCCATCGGTCAACAAATGG
3092	TGGTCAAAAGAGCACGATCCAGGA	TCCTGGATCGTGCTCTTTTGACCA
3093	CGCTACTAAGACGCCCCTGTCCAC	GTGGACAGGGGCGTCTTAGTAGCG
3094	CATACCTCCCGCTTGGATTCACTG	CAGTGAATCCAAGCGGGAGGTATG
3095	CCGCGGAAGGAATGTCATCTACAA	TTGTAGATGACATTCCTTCCGCGG
3096	CACGGGACATTCATTCACAGGACG	CGTCCTGTGAATGAATGTCCCGTG
3097	AGGAGTCACCCACTCCGCACAAAA	TTTTGTGCGGAGTGGGTGACTCCT
3098	TCATGACAGCGCACCCCATACCAT	ATGGTATGGGGTGCGCTGTCATGA
3099	GGTAGGGGACTATCGATCGTGCTG	CAGCACGATCGATAGTCCCCTACC
3100	ATGTCTCACTACCGCACGTAGCGG	CCGCTACGTGCGGTAGTGAGACAT
3101	ACGGAGGAGCGACTCGTTCGCTGC	GCAGCGAACGAGTCGCTCCCGT
3102	GAAGTCTGTCGCCGGTGGACGGAC	GTCCGTCCACCGGCGACAGACTTC
3103	CCGTAACGTGTATTCGGACGAGCG	CGCTCGTCCGAATACACGTTACGG
3104	CGTGGAAGCGACTTAACCAATCGT	ACGATTGGTTAAGTCGCTTCCACG
3105	GGCATGGGCTATGCCTCACACTAG	CTAGTGTGAGGCATAGCCCATGCC
3106	GGGTCGTATTTCAGCATCGTTCGT	ACGAACGATGCTGAAATACGACCC
3107	AATGGTCGCGCAAACCGTAAGAAT	ATTCTTACGGTTTGCGCGACCATT
3108	CTGGATTCGGTACGTCCAACGTTT	AAACGTTGGACGTACCGAATCCAG
3109	CGCAAAAACACCCGTAGCCAAGAA	TTCTTGGCTACGGGTGTTTTTGCG
3110	TATGGATACGCTTTTGGACTGGGC	GCCCAGTCCAAAAGCGTATCCATA
3111	GCTTCAAACGCGCTTCACGCTGGT	ACCAGCGTGAAGCGCGTTTGAAGC
3112	TACAGCCCGCTCTACCTCGCCACC	GGTGGCGAGGTAGAGCGGGCTGTA

3113	TCAACCGATGTCAAAATGCACGTT	AACGTGCATTTTGACATCGGTTGA
3114	AGCTCTCCCGAAGTAGGGCGGTA	TACCGCCCTACTTCGGAGAGAGCT
3115	ACGCACACATGGAGACTTGGCTCC	GGAGCCAAGTCTCCATGTGTGCGT
3116	TTCTTGAAAGCTAGTGGGGCGCTA	TAGCGCCCCACTAGCTTTCAAGAA
3117	CAATCACGGCTGGGCTATTCTGTG	CACAGAATAGCCCAGCCGTGATTG
3118	GTGGCGACCCGTCGGTGAAAGAGT	ACTCTTTCACCGACGGGTCGCCAC
3119	CGTCGAATGCCGAACCAGTTAAGT	ACTTAACTGGTTCGGCATTCGACG
3120	TGCGTATTTGCATGCTCACAGCTG	CAGCTGTGAGCATGCAAATACGCA
3121	CGCAGTTGGTTTGTGCACGGCTGC	GCAGCCGTGCACAAACCAACTGCG
3122	GTTTTCCGTGAAAACTGGCATCG	CGATGCCAGTTTTCACGGAAAAAC
3123	ACAGGTTCCTCCACCACGATTTGA	TCAAATCGTGGTGGAGGAACCTGT
3124	CTAGCGCGCTTTTAGGTCCTTGCG	CGCAAGGACCTAAAAGCGCGCTAG
3125	CAAAATCAAAGGGATCAACCGGTG	CACCGGTTGATCCCTTTGATTTTG
3126	AACGTAACCCCAGTGAGTCAGGCA	TGCCTGACTCACTGGGGTTACGTT
3127	TCAACCGGTGCACTTTAGAACGCC	GGCGTTCTAAAGTGCACCGGTTGA
3128	ATCGCAAAGTTGCAGGCGAATACT	AGTATTCGCCTGCAACTTTGCGAT
3129	ATATGTCCCTGGGTGCTGCACAAC	GTTGTGCAGCACCCAGGGACATAT
3130	TGGCACTTTGTAGTGCTGCGGTGG	CCACCGCAGCACTACAAAGTGCCA
3131	ACGCACGACGTCCTTCTAAGCTCG	CGAGCTTAGAAGGACGTCGTGCGT
3132	CCCACGTGCACTATAGGGATTTCG	CGAAATCCCTATAGTGCACGTGGG
3133	CCGCGCTTGGTCAGTCATCCTTGC	GCAAGGATGACTGACCAAGCGCGG
3134	AGCGGCTCAGGGAATAACAACAGG	CCTGTTGTTATTCCCTGAGCCGCT
3135	ACAACGCGATCGGAGGCAACCAGT	ACTGGTTGCCTCCGATCGCGTTGT
3136	AGCAATTGCCTCCGTAGAAACCCA	TGGGTTTCTACGGAGGCAATTGCT
3137	GAGTCGTGGCATCGCCTGCTATCG	CGATAGCAGGCGATGCCACGACTC
3138	TCTATGCAAATACTGCGCTTGCGA	TCGCAAGCGCAGTATTTGCATAGA
3139	TCAGCTTAAGTTACGGTGTGGCCG	CGGCCACACCGTAACTTAAGCTGA
3140	TCCAAGGTCGAACAGGGATCAGAA	TTCTGATCCCTGTTCGACCTTGGA
3141	GTTAGGCTGGCGTCAATAGCGCTT	AAGCGCTATTGACGCCAGCCTAAC
3142	GGTGTCATAAGGAAGAGGGCATCG	CGATGCCCTCTTCCTTATGACACC
3143	CCGGCGGCTAGATCAATATTTCT	AGAAATATTGATCTAGCCCGCCGG
3144	CTAACGTCAAGTTTTACGCCCCGA	TCGGGGCGTAAAACTTGACGTTAG
3145	GCAGCACAGTTTTCCGATTTGCGG	CCGCAAATCGGAAAACTGTGCTGC
3146	CGCACGCAAGGGGAGGGATGACTG	CAGTCATCCCTCCCCTTGCGTGCG
3147	CGGGGCCGAAAAGGACGTCACAAG	CTTGTGACGTCCTTTTCGGCCCCG
3148	TTCTCCAACACGGCTAACCGGTAG	CTACCGGTTAGCCGTGTTGGAGAA
3149	TTACAGCCTGGCCCGAGGTAGTTG	CAACTACCTCGGGCCAGGCTGTAA
3150	TTTCGGGCAGCATGAGTTATCGAA	TTCGATAACTCATGCTGCCCGAAA
3151	CTACTGGACGCCCTGCTTCGAAGT	ACTTCGAAGCAGGGCGTCCAGTAG
3152	GGTCGTCCGACGTGAAAAGACCAA	TTGGTCTTTTCACGTCGGACGACC
3153	GTTTTCGAGCTCTTTCTCCGCAGG	CCTGCGGAGAAAGAGCTCGAAAAC

3154	GCGTGAAGGTACCCAGTGTCACAG	CTGTGACACTGGGTACCTTCACGC
3155	TTTCTGAACGCTTCGACGCAACAC	GTGTTGCGTCGAAGCGTTCAGAAA
3156	TGCTAATAAGCACGCCTAGCCCGT	ACGGGCTAGGCGTGCTTATTAGCA
3157	AAATTAATTGTGGTGGCTCCGGCG	CGCCGGAGCCACCACAATTAATTT
3158	TTACAATCCTCGGGCTCACTGACA	TGTCAGTGAGCCCGAGGATTGTAA
3159	GCTGAAGGACAAGGCGTGGGCAAC	GTTGCCCACGCCTTGTCCTTCAGC
3160	GGGATAGGAGACCCTCGCAATGGT	ACCATTGCGAGGGTCTCCTATCCC
3161	TTGCAGTACGTCCTTGCGCATGAA	TTCATGCGCAAGGACGTACTGCAA
3162	TTGATCACTGGATTGGGTGCGAAC	GTTCGCACCCAATCCAGTGATCAA
3163	TCTGCAGACGTTGCGAGAGATGAT	ATCATCTCTCGCAACGTCTGCAGA
3164	AGTCTAGCAGGGATCGAAGCGGAT	ATCCGCTTCGATCCCTGCTAGACT
3165	GGGGTCCCGCAACAACTAATGAAG	CTTCATTAGTTGTTGCGGGACCCC
3166	CAACCTCTTATGTGGTGTGCGCGA	TCGCGCACACCACATAAGAGGTTG
3167	CTCGCTGGGTTGCTGGAGTAGCAC	GTGCTACTCCAGCAACCCAGCGAG
3168	CGTTGTATTGTGCAACGCGAAGTT	AACTTCGCGTTGCACAATACAACG
3169	GGGCTCAAAGTGCCTGAGTCGAAA	TTTCGACTCAGGCACTTTGAGCCC
3170	CTGCTGTGCCCTCTCAGTGAGAGC	GCTCTCACTGAGAGGGCACAGCAG
3171	CGGACGTACTGTTCGGAGTCCTCA	TGAGGACTCCGAACAGTACGTCCG
3172	GTATACCACCATACCGGGACCGCA	TGCGGTCCCGGTATGGTGGTATAC

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Seq. ID No.	Decoder Sequence (5'-3')	Probe Sequence (5'-3')
17	TTCGCCGTCGTGTAGGCTTTTCAA	TTGAAAAGCCTACACGACGGCGAA
18	GTTCCCAGTGAAGCTGCGATCTGG	CCAGATCGCAGCTTCACTGGGAAC
19	TACTTGGCATGGAATCCCTTACGC	GCGTAAGGGATTCCATGCCAAGTA
20	ACTAGCATATTTCAGGGCACCGGC	GCCGGTGCCCTGAAATATGCTAGT
21	GAACGGTCAATGAACCCGCTGTGA	TCACAGCGGGTTCATTGACCGTTC
22	GCGGCCTTGGTTCAATATGAATCG	CGATTCATATTGAACCAAGGCCGC
23	GATCGTTAGAGGGACCTTGCCCGA	TCGGGCAAGGTCCCTCTAACGATC
24	TGGACCTAGTCCGGCAGTGACGAA	TTCGTCACTGCCGGACTAGGTCCA
25	ATAAACTACCCAGGACGGGCGGAA	TTCCGCCCGTCCTGGGTAGTTTAT
26	CATCGGTTCGCGCCAATCCAGATA	TATCTGGATTGGCGCGAACCGATG
27	GTCGGGCATAGAGCCGACCACCCT	AGGGTGGTCGGCTCTATGCCCGAC
28	CTTGGGTCATGATTCACCGTGCTA	TAGCACGGTGAATCATGACCCAAG
29	TGCCTAACGTGCTAATCAGCAGCG	CGCTGCTGATTAGCACGTTAGGCA
30	CGCATGTTGGAGCATATGCCCTGA	TCAGGGCATATGCTCCAACATGCG
31	AGCCACTGCATCAGTGCTGTTCAA	TTGAACAGCACTGATGCAGTGGCT
32	GGTTGTTTTGAGGCGTCCCACACT	AGTGTGGGACGCCTCAAAACAACC
33	TCGACCAAGAGCAAGGGCGGACCA	TGGTCCGCCCTTGCTCTTGGTCGA
34	GACATCGCTATTGCGCATGGATCA	TGATCCATGCGCAATAGCGATGTC
35	GAAATACGAAGTCTGCGGGAGTCG	CGACTCCCGCAGACTTCGTATTTC
36	TGTCATGAATGATTGATCGCGCGA	TCGCGCGATCAATCATTCATGACA
37	ATATCGGGATTCGTTCCCGGTGAA	TTCACCGGGAACGAATCCCGATAT
38	GCGAGCGTACCGAAGGGCCTAGAA	TTCTAGGCCCTTCGGTACGCTCGC
39	TTACCGGCAGCGGACTTCCGAATT	AATTCGGAAGTCCGCTGCCGGTAA
40	GTAATCGAGAGCTGCGCGCCGTCT	AGACGGCGCGCAGCTCTCGATTAC
41	CCTGTTAGCGTAGGCGAGTCGATC	GATCGACTCGCCTACGCTAACAGG
42	TAGCGGACCGGCAGAATGAGTTCC	GGAACTCATTCTGCCGGTCCGCTA
43	GGTACATGCACTACGCGCACTCGG	CCGAGTGCGCGTAGTGCATGTACC
44	AATTCATCTCGGACTCCCGCGGTA	TACCGCGGGAGTCCGAGATGAATT
45	GCCAAATCTGGATTGGCAGGAATG	CATTCCTGCCAATCCAGATTTGGC
46	TGCATTTTCGGTTGAGGCACATCC	GGATGTGCCTCAACCGAAAATGCA
47	CCGCTCAATTCACCATGCTTCGCT	AGCGAAGCATGGTGAATTGAGCGG
48	CTCGGAAAGGTGCAACTTTGGTGT	ACACCAAAGTTGCACCTTTCCGAG
49	AATTCGACCAGCAGAACGTCCCAT	ATGGGACGTTCTGCTGGTCGAATT
50	GCCAGAGTCTCAACCTCACGGGAT	ATCCCGTGAGGTTGAGACTCTGGC
51	004404070044555	GCGGGTTCCCGTTCCAGTTGTTGG
52	0.404.4070.70	CATGCCCCTCAGCGATCAGTTCTC
53	000101071010	TCGGTGCCACAAGTCTAGTGTGCC

54	TCACATCCAAATATGGTCCGCGAA	TTCGCGGACCATATTTGGATGTGA
55	GTCTGCCGGTGTGACCGCTTCATT	AATGAAGCGGTCACACCGGCAGAC
56	CATCGCAGAGCATAAACACCCTCA	TGAGGGTGTTTATGCTCTGCGATG
57	GTTGGTATCTATGGCAGAGGCGGA	TCCGCCTCTGCCATAGATACCAAC
58	ACGAGGTGCCGCTGAGGTTCCATT	AATGGAACCTCAGCGGCACCTCGT
59	GGAATGAGTGGACCCAGGCACATT	AATGTGCCTGGGTCCACTCATTCC
60	TGTCAATATGCGTCCGTGTCGTCT	AGACGACACGGACGCATATTGACA
61	TGATGAGCCTCAGGGTACGAGGCA	TGCCTCGTACCCTGAGGCTCATCA
62	CACCGCGGTGTTCCTACAGAATGA	TCATTCTGTAGGAACACCGCGGTG
63	TTGTTGCCAATGGTGTCCGCTCGG	CCGAGCGGACACCATTGGCAACAA
64	TTAACCTGCGTCTGCCCCTTTCCT	AGGAAAGGGCAGACGCAGGTTAA
65	AGGCGCGTTCCTGCCTTAGTGACG	CGTCACTAAGGCAGGAACGCGCCT
66	TAGGGCGATGGCACGAAGCTTCAA	TTGAAGCTTCGTGCCATCGCCCTA
67	TGCATAGAGCCAAAGTCGGCGATG	CATCGCCGACTTTGGCTCTATGCA
68	TTGAGAGGCAGGTGGCCACACGGA	TCCGTGTGGCCACCTGCCTCTCAA
69	TCCGCATTGTGAGAAAAAACGAGC	GCTCGTTTTTTCTCACAATGCGGA
70	GGCGGTTTCCGTAGCTATAGGTGC	GCACCTATAGCTACGGAAACCGCC
71	GGTGAAAATTTCGTAGCCACGGGC	GCCCGTGGCTACGAAATTTTCACC
72	CCGACGGAGGATGAAGACAATCAC	GTGATTGTCTTCATCCTCCGTCGG
73	CCAGTTTGGCCCAATTCGCCAAAA	TTTTGGCGAATTGGGCCAAACTGG
74	GGATCTATTAGGCCGTGCGCACAG	CTGTGCGCACGGCCTAATAGATCC
75	CGGATGTCACCGTTTGGACTTTCA	TGAAAGTCCAAACGGTGACATCCG
76	ATCGCAAATCCTGCTCGTCCCTAA	TTAGGGACGAGCAGGATTTGCGAT
77	CAGGGCATGCAATAATCGAGGTTC	GAACCTCGATTATTGCATGCCCTG
78	CATGCGTTGATATATGGGCCCAAG	CTTGGGCCCATATATCAACGCATG
79	CAGCTGCAGCTTGTGACCAACCAC	GTGGTTGGTCACAAGCTGCAGCTG
80	TTGTATGTCTGCCGACCGGCGACC	GGTCGCCGGTCGGCAGACATACAA
81	GATGGCGCCCGTTGATAGGTATGG	CCATACCTATCAACGGGCGCCATC
82	ATGAGAATCGCCGGCAATCTGCTA	TAGCAGATTGCCGGCGATTCTCAT
83	ATTTGCACTGACCGCAGGCTCGTG	CACGAGCCTGCGGTCAGTGCAAAT
84	CAGGGAGAACGGTTAAGTTCCCGT	ACGGGAACTTAACCGTTCTCCCTG
85	AGGCCGCCGATCGAGGAGTTTGGT	ACCAAACTCCTCGATCGCCGGCCT
86	ACACGGTGGTCTCTGATAGCGACC	GGTCGCTATCAGAGACCACCGTGT
87	GTGCAACGCCGAGGACTTCCATCA	TGATGGAAGTCCTCGGCGTTGCAC
88	TCGGTGCCTGATAGCCATTCCGAT	ATCGGAATGGCTATCAGGCACCGA
89	TGAAATACCACACAGCCAATTGGC	GCCAATTGGCTGTGTGGTATTTCA
90	GCATCGTGTACATGACTGCCGCGA	TCGCGGCAGTCATGTACACGATGC
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93	077704000044070	CGCGGCGAGCCCACTAGTTTTCG
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98	GTGCAGCTTCACGAGCCAGCCTGA	TCAGGCTGGCTCGTGAAGCTGCAC
99	CGCTTTCGTGCGAATAGACGATGA	TCATCGTCTATTCGCACGAAAGCG
100	TGCGCTTACAGGCTCCTAGTGGTC	GACCACTAGGAGCCTGTAAGCGCA
101	CACGCGCTTAGTCGCGATCGCATA	TATGCGATCGCGACTAAGCGCGTG
102	CGGAGGGAGGGAGCTAGCCTTCGA	TCGAAGGCTAGCTCCCTCCCG
103	GCATCCGGCCTGTTGATGACGCCT	AGGCGTCATCAACAGGCCGGATGC
104	AGGCCAATCGATCTTATTGCCGAG	CTCGGCAATAAGATCGATTGGCCT
105	CCTTCCAATGATTGCATACGCCCA	TGGGCGTATGCAATCATTGGAAGG
106	AACACTTGATCAGGCGGGTCGTCT	AGACGACCCGCCTGATCAAGTGTT
107	TGGAATCAAGGCCGTAAAGGACAG	CTGTCCTTTACGGCCTTGATTCCA
108	GCTCCCGTAACCTGTCCACCAGTG	CACTGGTGGACAGGTTACGGGAGC
109	AGTGGTGAATGGCCGCTACCCTGA	TCAGGGTAGCGGCCATTCACCACT
110	TGTTGAAGCGAGCTAAAACGGCCA	TGGCCGTTTTAGCTCGCTTCAACA
111	CAGCGCTCCAGAATTGACAGCAAT	ATTGCTGTCAATTCTGGAGCGCTG
2	TTCGAAGCGCACGTCCCTTTTCAA	TTGAAAAGGGACGTGCGCTTCGAA
3	AACGCGTGGGGAATGGGACATCAA	TTGATGTCCCATTCCCCACGCGTT
114	CACGAGATACCGGCGTAAGGGTGG	CCACCCTTACGCCGGTATCTCGTG
115	CTACGGCAAACGTGTGGAATGGGT	ACCCATTCCACACGTTTGCCGTAG
116	GTAGGGCGATGACGGCGAACTAC	GTAGTTCGCCCGTCATCGCCCTAC
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120	GGTACCTCAACGCGAACCACTTGT	ACAAGTGGTTCGCGTTGAGGTACC
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123	ATCGGTCTCACGCAGGGTTGGATA	TATCCAACCCTGCGTGAGACCGAT
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125	CGGTGCTGTTGCAAAAGCCTGTAG	CTACAGGCTTTTGCAACAGCACCG
126	TGATGAAAGTTTGCGGCAGGACAC	GTGTCCTGCCGCAAACTTTCATCA
127	GTTGAGTGCAGGATAG	CTATCGCTGCATCCTGCACTCAAC
128	AACATTGCGCGGTCCACCAGGGTT	AACCCTGGTGGACCGCGCAATGTT
129	GGGCAGTTAGAGAGGGCCAGAAGT	ACTTCTGGCCCTCTCTAACTGCCC
130		ACACGTTCACGGGGACCAGCTCGA
131	GTCTTGGGGGCCGCTTAGTGAAAA	TTTTCACTAAGCGGCCCCCAAGAC
132	ACTGTTGGCTTGCTCATGTCCA	TGGACATGAGAGCAAGCCAACAGT
133	AGGACCATTCGGAAGGCGAAGATA	TATCTTCGCCTTCCGAATGGTCCT
134		TCCTTATAGCGGATGCCTCCCAAG
135	AATAAACGGAACGCACCGCTACAG	CTGTAGCGGTGCGTTCCGTTTATT

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137	CGCACCAAACTGAGTTTCCCAGAC	GTCTGGGAAACTCAGTTTGGTGCG
138	ACCTGATCGTTCCCCTATTGGGAA	TTCCCAATAGGGGAACGATCAGGT
139	GGAACAGAGGCGAGGGGACTGAGC	GCTCAGTCCCCTCGCCTCTGTTCC
140	CCCTGCCTTGGCGTGTCGGCTTAT	ATAAGCCGACACGCCAAGGCAGGG
141	ACTCTGACACGCCAACTCCGGAAG	CTTCCGGAGTTGGCGTGTCAGAGT
142	CTGACGGTTTTCATTCGGCGTGCC	GGCACGCCGAATGAAAACCGTCAG
143	TGCGGTGGTTCATTGGAGCTGGCC	GGCCAGCTCCAATGAACCACCGCA
144	GCATGGCCAACTAGTGACTCGCAA	TTGCGAGTCACTAGTTGGCCATGC
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146	CGAATATTATGCCGAGAATCCGCG	CGCGGATTCTCGGCATAATATTCG
147	ACAGACGAGCTCCCAACCACATGA	TCATGTGGTTGGGAGCTCGTCTGT
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159	GGCCCAAAGCCCCAGACCATTTTA	TAAAATGGTCTGGGGCTTTGGGCC
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161	TGAGGCAACAGGGGCCAAAAACTA	TAGTTTTTGGCCCCTGTTGCCTCA
162	AGCGGAAGTAGTCCTCGGCTCGTC	GACGAGCCGAGGACTACTTCCGCT
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169	TGTTACTGTGGTTCACGGCAGTCC	GGACTGCCGTGAACCACAGTAACA
170	CGCGCCTCGCTAGACCTTTTATTG	CAATAAAAGGTCTAGCGAGGCGCG
171	ACAAATGCGTGAGAGCTCCCAACT	AGTTGGGAGCTCTCACGCATTTGT
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185	ACTCTCGAGGGAGTCTCTGGCACA	TGTGCCAGAGACTCCCTCGAGAGT
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188	GCCCAGTCGGCTCTAACAAGTTCG	CGAACTTGTTAGAGCCGACTGGGC
189	CGGAACGGATAATCGGCGTCAGGT	ACCTGACGCCGATTATCCGTTCCG
190	TAAAATAAGCGCCTGGCGGAGGA	TCCTCCCGCCAGGCGCTTATTTTA
191	GCGCACTCGTGAAACCTTTCTCGC	GCGAGAAAGGTTTCACGAGTGCGC
192	AGTTTGCCAGGTACTGGCAAGTGC	GCACTTGCCAGTACCTGGCAAACT
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197	GAGCTGACGTCACCATCAGAGGAA	TTCCTCTGATGGTGACGTCAGCTC
198	GGAGGCTGGGGGTCGCGCTTAAGT	ACTTAAGCGCGACCCCCAGCCTCC
199	TTGTGGGAACCGCACTAGCTGGCT	AGCCAGCTAGTGCGGTTCCCACAA
200	CCCTCGCACTGTGTTCACCCTCTT	AAGAGGGTGAACACAGTGCGAGGG
201	TCATTGACTCGAATCCGCACAACG	CGTTGTGCGGATTCGAGTCAATGA
202	ACAGGGGTTGGCCTTCGTACGTAC	GTACGTACGAAGGCCAACCCCTGT
203	AGGCCGTGCAACATCACACAGGAT	ATCCTGTGTGATGTTGCACGGCCT
204	GGGCCGTGGTCACGTAATATTGGC	GCCAATATTACGTGACCACGGCCC
205	GCGCGGACATGAAACGACAAGGCC	GGCCTTGTCGTTTCATGTCCGCGC
206	CTTATTGGGTGCCGGTGTCGGATT	AATCCGACACCGGCACCCAATAAG
207	GGGCGGTTACCAAAAAATCCGAT	ATCGGATTTTTTGGTAACCGCCCC
	CCGTCGCATACCGGCTACGATCAA	TTGATCGTAGCCGGTATGCGACGG
	ATGGCCGTGCTGGGGACAAGTCAA	TTGACTTGTCCCCAGCACGGCCAT
210	ACGAAAAAGTGTGCGGATCCCCT	AGGGGATCCGCACACTTTTTCGT
211	CCAAGTACACCGCACGCATGTTTA	TAAACATGCGTGCGGTGTACTTGG
212		TAGATGCGACACTCCACGCACGAT
213		TCAAAGTTCGGGGCGGTATCTGGA
214	TCTGCTGGCAGCACGTGAAGTGGC	GCCACTTCACGTGCTGCCAGCAGA
215		TGACTGACGGCAGAGCAATTTCAA
216		GCTGCCTGACATCTCGCCTGACT
217	ACAAGCCGACGTTAAGCCCGCCCA	TGGGCGGCTTAACGTCGGCTTGT

218	CCCTAATGAGGCCAGTAACCTGCA	TGCAGGTTACTGGCCTCATTAGGG
219	GTGAGACACACATCCCCTCCAATG	CATTGGAGGGGATGTGTGTCTCAC
220	CGACGGATGCAGAGTTCAGTGGTC	GACCACTGAACTCTGCATCCGTCG
221	CCCGCATGCCTGGCGGTATTACAA	TTGTAATACCGCCAGGCATGCGGG
222	TTAGCAAAGCGGCGCCGTTAGCAA	TTGCTAACGCCCCCTTTGCTAA
223	CCCGACACGGGTCAGCGTAATAAT	ATTATTACGCTGACCCGTGTCGGG
224	GCGACGCCCTGAGGTATGTCGTC	GACGACATACCTCAGGGCCGTCGC
225	CAAAAGTGTGTTCCCTTGCGCTTG	CAAGCGCAAGGGAACACACTTTTG
226	TCTCGAAGCACAGCCCGGTTATTG	CAATAACCGGGCTGTGCTTCGAGA
227	ATGCTAACCGTTGGCCATGGAACT	AGTTCCATGGCCAACGGTTAGCAT
228	CTTGCGGAGTGTTAGCCCAGCGGT	ACCGCTGGGCTAACACTCCGCAAG
229	TGCTCCCTAGGCGCTCGGAGGAGT	ACTCCTCCGAGCGCCTAGGGAGCA
230	CCAATGCCTTTGAGTAAGCGATGG	CCATCGCTTACTCAAAGGCATTGG
231	AGCAGATAACGTCCCAATGACGCC	GGCGTCATTGGGACGTTATCTGCT
232	TTGACCATTACGTGTTGCGCCCAT	ATGGGCGCAACACGTAATGGTCAA
233	TCGCGTATTTGCGGAATTCGTCTG	CAGACGAATTCCGCAAATACGCGA
234	CTGCGTGTCAACAATGTCCCGCAG	CTGCGGGACATTGTTGACACGCAG
235	TCTGGTGCCACGCAAGGTCCACAG	CTGTGGACCTTGCGTGGCACCAGA
236	CTCCGGGAGGTCACTTAATTGCGG	CCGCAATTAAGTGACCTCCCGGAG
237	TTTTCGTGATTGCCCGGAGGAGGC	GCCTCCTCCGGGCAATCACGAAAA
238	TCGGGATGTAGCTGGGGCTACCGG	CCGGTAGCCCCAGCTACATCCCGA
239	CGAGCCAACGCAAACACGTCCTTG	CAAGGACGTGTTTGCGTTGGCTCG
240	GCAAAGCCTTTGTGGGGCGGTAGT	ACTACCGCCCCACAAAGGCTTTGC
241	ATTCGACCGGAAATGAGGTCTTCG	CGAAGACCTCATTTCCGGTCGAAT
242	TTCGCTTGCTGAGTTGCTCTGTTC	GAACAGAGCAACTCAGCAAGCGAA
243	CGCGTGAAGACCCCATTCCCGAGT	ACTCGGGAATGGGGTCTTCACGCG
244	AACCGTATTCGCGGTCACTTGTGG	CCACAAGTGACCGCGAATACGGTT
245	GGGGCCAACCGTTTCGAGGCGTAT	ATACGCCTCGAAACGGTTGGCCCC
246	TTCGGCTGGCAGTCCAAACGGCTT	AAGCCGTTTGGACTGCCAGCCGAA
247	GGGTGTGGTTAGAATGCACGGTTC	GAACCGTGCATTCTAACCACACCC
248	GCGAGGACCGAACTAGACAAACGG	CCGTTTGTCTAGTTCGGTCCTCGC
249	ACGCACGCGTGACCGAAGTTGCTG	CAGCAACTTCGGTCACGCGTGCGT
250	TAAAAGGTCGCTTTGAAAGGGGGA	TCCCCCTTTCAAAGCGACCTTTTA
251	TGCGATCGCTAACTGCTGGGACAA	TTGTCCCAGCAGTTAGCGATCGCA
252	GGAGGTATAAGCGGAGCGGCCTCA	TGAGGCCGCTCCGCTTATACCTCC
253	ATGCTGACATGTCGTGCACCTCGT	ACGAGGTGCACGACATGTCAGCAT
254	TGTGGTTAAAGCGTCCGTTCAACG	CGTTGAACGGACGCTTTAACCACA
255	CGTTCACACCGGCGTAAGCTGCGT	ACGCAGCTTACGCCGGTGTGAACG
256	CCTATCCCGGCGAGAACTTCTGTG	CACAGAAGTTCTCGCCGGGATAGG
257	GTCTGCACTCACGCAGCGGAGGGA	TCCCTCCGCTGCGTGAGTGCAGAC
258	GCACGAGTTGGTGCTCGGCAGATT	AATCTGCCGAGCACCAACTCGTGC

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259	AACGTCGCACGACACGTTCGTC	GACGAACGTGTGTCGTGCGACGTT
260	ATGCGCGCTTATCCTAGCATGGTC	GACCATGCTAGGATAAGCGCGCAT
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262	TGTGCCTCATCCTTAGGATACGGC	GCCGTATCCTAAGGATGAGGCACA
263	AGGTGGTGTGGGTCAACCGCTTTA	TAAAGCGGTTGACCCACACCACCT
264	CTGGATCGAAGGGACTGCAAGCTC	GAGCTTGCAGTCCCTTCGATCCAG
265	TAGATCAACTCGCGTACGCATGGA	TCCATGCGTACGCGAGTTGATCTA
266	GATCCTGCGGAGAGAGAGAGTGCAG	CTGCACTCTCTCTCCGCAGGATC
267	TACGTGTGGAGATGCCCCGAACCG	CGGTTCGGGGCATCTCCACACGTA
268	GCGCTATGTCAATCGTGGGCGTAG	CTACGCCCACGATTGACATAGCGC
269	AGCGAGGTTTCTAGCGTCGACACC	GGTGTCGACGCTAGAAACCTCGCT
270	ACCCAGGTTTTGCCGTTGTGGAAT	ATTCCACAACGGCAAAACCTGGGT
271	CCCTGTTAACGGCTGCGTAGTCTC	GAGACTACGCAGCCGTTAACAGGG
272	AGGCCGATTTCACCCGCCAATTGC	GCAATTGGCGGGTGAAATCGGCCT
273	GAGCCCTCACTCCTTGCCCTTTGA	TCAAAGGCAAGGAGTGAGGCTC
274	GGGTGGACATCCGCCTCGCAGTCA	TGACTGCGAGGCGGATGTCCACCC
275	GATGGCTGAGAACCGTGCTACGAT	ATCGTAGCACGGTTCTCAGCCATC
276	TCGACGTTAGGAGTGCTGCCAGAA	TTCTGGCAGCACTCCTAACGTCGA
277	CGAATGGGTCTGGACCTTGCATAG	CTATGCAAGGTCCAGACCCATTCG
278	GTGCACCAGACATTCGAACTCGGA	TCCGAGTTCGAATGTCTGGTGCAC
279	AGAGGCCCCGTATATCCCATCCAT	ATGGATGGGATATACGGGGCCTCT
280	AACGCCTGTTCAGAGCATCAGCGG	CCGCTGATGCTCTGAACAGGCGTT
281	AAGGCTCAACACGCCTATGTGCGC	GCGCACATAGGCGTGTTGAGCCTT
282	AGTCCGTGTTGCCAGATTGGCTCG	CGAGCCAATCTGGCAACACGGACT
283	ATGTCCCATGTAAAGACGCGTGTG	CACACGCGTCTTTACATGGGACAT
284	ATGGAGTCTGCTCACGCCCAAAGG	CCTTTGGGCGTGAGCAGACTCCAT
285	CGGCCTCCAACAAGGAGCACTAAC	GTTAGTGCTCCTTGTTGGAGGCCG
286	CAGAGCCGTGGCAACATTGCGAGC	GCTCGCAATGTTGCCACGGCTCTG
287	TCATTTGAATGAGGTGCGCACCGG	CCGGTGCGCACCTCATTCAAATGA
288	GACGTACCGGAAGCGCCGTATAAA	TTTATACGGCGCTTCCGGTACGTC
289	ATGCGAGCAATGGGATCCGGATTC	GAATCCGGATCCCATTGCTCGCAT
290	AGAGTGAGGCCTCCCTGACCAGTG	CACTGGTCAGGGAGGCCTCACTCT
291	CGCACCGTAAGTAGATTTGCCCGC	GCGGGCAAATCTACTTACGGTGCG
292	TGAACCTTTGAGCACGTCGTGCGC	GCGCACGACGTGCTCAAAGGTTCA
293	TCCGCCTTTTTGGTTACCTCGAAG	CTTCGAGGTAACCAAAAAGGCGGA
294	GAACGCCAACGCCACTAACACATC	GATGTGTTAGTGCCGTTGGCGTTC
295	CCGACAGCAGCCAAGACGTCCCAG	CTGGGACGTCTTGGCTGCTGTCGG
296	CATAAAAAAACCTGGGGCTCTGCG	CGCAGAGCCCCAGGTTTTTTATG
297		TAAGTCCGGTCTGCACAGTTGGCA
298		ACGAGCCGGTTTCGCTCTTTCGCC
299	GGGATGCGTATTTTAGCGAACACG	CGTGTTCGCTAAAATACGCATCCC

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300	TGGGATTCAGCGACCAGTACGCGA	TCGCGTACTGGTCGCTGAATCCCA
301	CCCGATATTCGCCCGGCCTATTCG	CGAATAGGCCGGGCGAATATCGGG
302	CGAGAAGATGCCTCACGCAACCAA	TTGGTTGCGTGAGGCATCTTCTCG
303	AACCTTGACCCGTGGATGACGCTA	TAGCGTCATCCACGGGTCAAGGTT
	6 TTGCAACGGGCTGGTCAACGTCAA	TTGACGTTGACCAGCCCGTTGCAA
	7 CGCATAGGTTGCCGATTTCGTCAA	TTGACGAAATCGGCAACCTATGCG
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307	CCCTCCATGTTCTTCGAACGGTTT	AAACCGTTCGAAGAACATGGAGGG
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309	ATTGTGAGATGCGCCAAATTCCCC	GGGGAATTTGGCGCATCTCACAAT
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311	ACTCCACTCCTCGGTGGCAAACTA	TAGTTTGCCACCGAGGAGTGGAGT
312	TCTGGGCATGCCTGGACGGAGACG	CGTCTCCGTCCAGGCATGCCCAGA
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314	TTGCGTGGTCAAAGGCGCAACGTG	CACGTTGCGCCTTTGACCACGCAA
315	AGACAGCGATCCGCGGCTCATGAT	ATCATGAGCCGCGGATCGCTGTCT
316	CGCGTCTCTAACTGAGAGCAGCCA	TGGCTGCTCTCAGTTAGAGACGCG
317	AGGCGCACATGTACGGACATTCAG	CTGAATGTCCGTACATGTGCGCCT
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319	TGATCCATATTGTCGGACGTTGCG	CGCAACGTCCGACAATATGGATCA
320	ACCTGCCGGGAGTTCATAGGCTAG	CTAGCCTATGAACTCCCGGCAGGT
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323	ATAGCGTACGACGAGGTGACGCGC	GCGCGTCACCTCGTCGTACGCTAT
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327	GTGCCCCACGAGCGTATCGTTGTA	TACAACGATACGCTCGTGGGGCAC
328	AGGCGCTACGTGGGCCTGGAGCAA	TTGCTCCAGGCCCACGTAGCGCCT
329	GGGTGCTACCATTGCATTAGTCCG	CGGACTAATGCAATGGTAGCACCC
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332	GGTCCGGCCCTACGAAACGTTCGA	TCGAACGTTTCGTAGGGCCGGACC
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335	00070107	GATCCTAACGCACCTGACTGACCC
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338	0.4.0.0==-	GCCCGATGACCGCAAACTAAGCTC
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340	COTOCOMO	CTAAACCGGCACATCCAGCGGAGC
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341	CGGTAGCATGCGAGATCCCTGTTA	TAACAGGGATCTCGCATGCTACCG
342	CTACGCTCTACCAGTTGCCTGCGA	TCGCAGGCAACTGGTAGAGCGTAG
343	GTGCCTCCTGCTGTATTTGCCAAG	CTTGGCAAATACAGCAGGAGGCAC
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346	TGCACGCGGAACTCCCTTTACCAT	ATGGTAAAGGGAGTTCCGCGTGCA
347	TGGCAGCAAATGAATCGAAAGCAC	GTGCTTTCGATTCATTTGCTGCCA
348	AACTGGTGACGCGGTACAGCGAAG	CTTCGCTGTACCGCGTCACCAGTT
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352	ATAGCGGAGTTTGGGTACGCGAAC	GTTCGCGTACCCAAACTCCGCTAT
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356	CGGAATGATGCGCTCGACAACGCT	AGCGTTGTCGAGCGCATCATTCCG
357	TGAGAGAGGCGTTGGTTAAGGCAA	TTGCCTTAACCAACGCCTCTCTCA
358	AAGCAGGCGAAGGGATACTCCTCG	CGAGGAGTATCCCTTCGCCTGCTT
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363	TGGGCTCCTCTGAGGCGAGATGGC	GCCATCTCGCCTCAGAGGAGCCCA
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367	TCGCTACCTAAGACCGGGCCATAC	GTATGGCCCGGTCTTAGGTAGCGA
368	TGGCATTGACGAGCAGCAGTCAGT	ACTGACTGCTGCTCAATGCCA
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370	ATGAAGCCTACCGGGCGACTTCGT	ACGAAGTCGCCCGGTAGGCTTCAT
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374	GCCCACTCGTCAGCTGGACGTAAT	ATTACGTCCAGCTGACGAGTGGGC
375	ATTACGGTCGTGATCCAGAAAGCG	CGCTTTCTGGATCACGACCGTAAT
376	TGCGAGGTGAGCACCTACGAGAGA	TCTCTCGTAGGTGCTCACCTCGCA
377	GGGCCGCATTCTTGATGTCCATTC	GAATGGACATCAAGAATGCGGCCC
378	CCTCGGATGTGGGCTCTCGCCTAG	CTAGGCGAGAGCCCACATCCGAGG
379	TAGGCATGTTGGCGTGAGCGCTAT	ATAGCGCTCACGCCAACATGCCTA
380	0047400445	AGGCGGACATCCTCGTTCGTATCG
381	TAGGGGGGTT	TAGCGCACCGTGCTAACCGGCGTA

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382	CATACGATGTCCGGGCCGTGTCGC	GCGACACGGCCCGGACATCGTATG
383	ATCCGCAGTTGTATGGCGCGTTAT	ATAACGCGCCATACAACTGCGGAT
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385	ATTGGAGTGTTTTGGTGAATCCGC	GCGGATTCACCAAAACACTCCAAT
386	GAACCGAGCCAACGTATGGACACG	CGTGTCCATACGTTGGCTCGGTTC
387	GCCGTCAAGCTTAAGGTTTTGGGC	GCCCAAAACCTTAAGCTTGACGGC
388	ACCTGCTTTTGGGTGGGTGATATG	CATATCACCCACCCAAAAGCAGGT
389	AATCGTGGGCGCAGCAAACGTATA	TATACGTTTGCTGCGCCCACGATT
390	GTCGCCGGATTGCTCAGTATAAGC	GCTTATACTGAGCAATCCGGCGAC
391	ACCCGTCGATGCTTCCTCCTCAGA	TCTGAGGAGGAAGCATCGACGGGT
392	ATCCGGGTGGGCGATACAAGAGAT	ATCTCTTGTATCGCCCACCCGGAT
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394	GCAAAGTCCCACTGGCAAGCCGAT	ATCGGCTTGCCAGTGGGACTTTGC
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396	CTCATGAGCGCAGTTGTGCGTGAG	CTCACGCACAACTGCGCTCATGAG
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8	CCGTTTGCGGTCGTCCTTGCTCAA	TTGAGCAAGGACGACCGCAAACGG
9	TTCGCTTTCGTGGCTGCACTTCAA	TTGAAGTGCAGCCACGAAAGCGAA
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408	TGTTTTGAATTGACCACACGGGA	TCCCGTGTGGTCAATTCAAAAACA
409	CATGTCTGGATGCGCTCAATGAAG	CTTCATTGAGCGCATCCAGACATG
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412	GAATCACCGAATCACCGACTCGTT	AACGAGTCGGTGATTC
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		AACGCCCGCGTGTCCCTCAGAAAA
		GGAGGATCGATCAAACGGAGCACC
		TGGCTCAGAGTATGGCCTAAGCGG
		AGGCAAGGCGTCGGTATGTCTTA
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		AGCCCGACCTCCGCGAAACTTTTA
		GCCGAACTCAGCTCGTCTGGACCG
		TTTAAGTCCGTAGCCGCTACGCCG
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423	AGCGGGATCCCAGAGTTTCGAAAA	TTTTCGAAACTCTGGGATCCCGCT
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425	GCATCGGCCGTTTTGACCATATTC	GAATATGGTCAAAACGGCCGATGC
426	CATAGCGCTGCACGTTTCGACCGC	GCGGTCGAAACGTGCAGCGCTATG
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428	GCGAACACTCATAAGAGCGCCCTG	CAGGGCGCTCTTATGAGTGTTCGC
429	CCGCCGAGTGTAGAGAGACTCCGA	TCGGAGTCTCTCTACACTCGGCGG
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431	TCGTGTAGACTCGGCGACAGGCGT	ACGCCTGTCGCCGAGTCTACACGA
432	ATGCGCATATACTGACTGCGCAGG	CCTGCGCAGTCAGTATATGCGCAT
433	ACAAGCGAACCCGAGTTTTGATGA	TCATCAAAACTCGGGTTCGCTTGT
434	GCATGAGACTCCGCGAAGACATGT	ACATGTCTTCGCGGAGTCTCATGC
435	TCCTACATGTCGCGTCACGATCAC	GTGATCGTGACGCGACATGTAGGA
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442	AGAGGCTTGGCAAGTAGGGACCCT	AGGGTCCCTACTTGCCAAGCCTCT
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444	GCTGGACTTAGTCGTGTTCGGCGG	CCGCCGAACACGACTAAGTCCAGC
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454	TGCGCAGACCTACCTGTCTTTGCT	AGCAAAGACAGGTAGGTCTGCGCA
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458	GTTCTTGCGCGATGAATCAGGACC	GGTCCTGATTCATCGCGCAAGAAC
459	AGGGTACGTGTCGCAGCTTCGCGT	ACGCGAAGCTGCGACACGTACCCT
460	ACCCTTGCTCCGCCATGTCTCTCA	TGAGAGACATGGCGGAGCAAGGGT
461	GGGACAAGGATTGAAGCTGGCGTC	GACGCCAGCTTCAATCCTTGTCCC
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463	GTTGTCCGAGACGTTTGTGTCAGC	GCTGACACAACGTCTCGGACAAC

464 465 466 467 468 469	GCTGGTGAACACTCACGAACCGCT GCAGACAGGGCAAATCGGTGCAAA CCCATCACAACGAGTGGCGACTTT GCTTCTACAGCTGGCGTGCTAGCG	AGCGGTTCGTGAGTGTTCACCAGC TTTGCACCGATTTGCCCTGTCTGC AAAGTCGCCACTCGTTGTGATGGG
466 467 468 469	CCCATCACAACGAGTGGCGACTTT GCTTCTACAGCTGGCGTGCTAGCG	AAAGTCGCCACTCGTTGTGATGGG
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	GAATGTGTGCCGACCATTCTAGCC	GGCTAGAATGGTCGGCACACATTC
	CCAGCGGAAGTTAGAGCTCTGTGG	CCACAGAGCTCTAACTTCCGCTGG
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471	GCGGCTATGTGATGACGGCCTAGC	GCTAGGCCGTCATCACATAGCCGC
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477	CTTCGTCCGGTTAGTGCGACAGCA	TGCTGTCGCACTAACCGGACGAAG
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	CGACTGATGTGCAACCAGCAGCTG	CAGCTGCTGGTTGCACATCAGTCG
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10 (GTCCAACGCGCAACTCCGATTCAA	TTGAATCGGAGTTGCGCGTTGGAC
11 7	TTGCCGCACCGTCCGTCATCTCAA	TTGAGATGACGGACGGTGCGGCAA
498 <i>F</i>	AGAACCTCCGCGCCTCCGTAGTAG	CTACTACGGAGGCGCGGAGGTTCT
499 <i>F</i>	AAAGGAGCTTTCGCCCAACGTACC	GGTACGTTGGGCGAAAGCTCCTTT
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502	GGGAGACAGCCATTATGGTCCTCG	CGAGGACCATAATGGCTGTCTCCC
503	GAGACGCTGTCACTCCGGCAGAAC	GTTCTGCCGGAGTGACAGCGTCTC
504 C	CCACCGGTCGCTTAAGATGCACTT /	AAGTGCATCTTAAGCGACCGGTGG

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505	CGGCATAACGTCCAGTCCTGGGAC	CTCCCACCACTCCACCTTATCCCC
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***	TTCAGTGCTCACGAAGCATGGATT	AATCCATGCTTCGTGAGCACTGAA
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532	ATCCAGAGATCCGTTTTGCAGCGT	ACGCTGCAAAACGGATCTCTGGAT
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544	AOTTOGGGGGGGGGGG	AAGTGAATCGTGGGACCGCGAACT
545	TOOTONATTECT	GGCGTTTCTGCACAAATTGAGCA

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551	TAGCGTCTTGCGTGAAACCATGGG	CCCATGGTTTCACGCAAGACGCTA
552	CCACCCGACAGCGCTGGACTCTT	AAGAGTCCAGCGCTGTCGGGGTGG
553	ACGAGCACTGAAGGCTGCTTTACG	CGTAAAGCAGCCTTCAGTGCTCGT
554	CATATCAGCGTCGTCTAGCTCGCG	CGCGAGCTAGACGACGCTGATATG
555	TGATCCCGGACCGGCTAGACTAAT	ATTAGTCTAGCCGGTCCGGGATCA
556	GGCCCGACACTACAGGGTAATCA	TGATTACCCTGTAGTGTCGGGGCC
557	GGCTCCAGGGCGAGATTATGAATG	CATTCATAATCTCGCCCTGGAGCC
558	CAAAATCCGATGGGCGGAAAATTA	TAATTTTCCGCCCATCGGATTTTG
559	CACAGGCGCATAGGGAGCAAGCTA	TAGCTTGCTCCCTATGCGCCTGTG
560	TAGCTATTGCCCCGATGGGCTACT	AGTAGCCCATCGGGGCAATAGCTA
561	TGGTACGCGGTCCATAGCAAGTCG	CGACTTGCTATGGACCGCGTACCA
562	GACGCTGTGGCTCGGAAACTGTTC	GAACAGTTTCCGAGCCACAGCGTC
563	CCTGGGTTCGCCGCGTGGTAACTG	CAGTTACCACGCGGCGAACCCAGG
564	TTCCCGCGTAGCCCAACAGCTATA	TATAGCTGTTGGGCTACGCGGGAA
565	TTCGCGGATTGCTGCCGCATAACA	TGTTATGCGGCAGCAATCCGCGAA
566	AAAAATGGCACCGAAGTTGAGGCA	TGCCTCAACTTCGGTGCCATTTTT
567	CATTCCGCGCGAGTTGAAATCCAG	CTGGATTTCAACTCGCGCGGAATG
568	ACGCACGTTTTTTGGCACGGTTAA	TTAACCGTGCCAAAAAACGTGCGT
569	TGTCCATGACGTCGTTTCTCTGGT	ACCAGAGAAACGACGTCATGGACA
570	TCTCAGTCGGACTCGTATGCCAGA	TCTGGCATACGAGTCCGACTGAGA
571	CTCCAAACGCACACATCAAGCATC	GATGCTTGATGTGTGCGTTTGGAG
572	TTCAACCAAGCGGGGTGTTCGTGA	TCACGAACACCCCGCTTGGTTGAA
573	GGTGTCGGAGGGTGGTGACCTCGA	TCGAGGTCACCACCCTCCGACACC
574	AGCGCTTTTGGTCATGATTTGCAA	TTGCAAATCATGACCAAAAGCGCT
575	CCGAGGACTTACGTCTGCCCAGGA	TCCTGGGCAGACGTAAGTCCTCGG
576	GCCCAATCCAGTTCTTATGCGCCC	GGGCGCATAAGAACTGGATTGGGC
577	CGGGTTAACCCACGCAAGTTATGA	TCATAACTTGCGTGGGTTAACCCG
578	TGATTAGCGCTCAATACACGCGTG	CACGCGTGTATTGAGCGCTAATCA
579	AAGGGCAGACCTTTGGTTCGACTG	CAGTCGAACCAAAGGTCTGCCCTT
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581	GCCATGTTCAAGGGCCTTTCGAAG	CTTCGAAAGGCCCTTGAACATGGC
582	000007077777	CCGGCACCTAGACAAAACACCGCG
583	0440477070070	GGATGGAGTGCCACCACAATGTTG
584	COATAGGGGGGGGG	GATTTAACAAACCGGCGCGTATCG
585	COOTATALAGOTO	GGAGCAGTCCGCACGTTTATAGCC
586		SOLICO COCCACOLLIVIAGO

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25.
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587	GTCTTCATCGGCCCGCGCAAGCTA	TAGCTTGCGCGGGCCGATGAAGAC
588	GCGACACCCCTGTACTCTGATGC	GCATCAGAGTACAGGGTGTGTCGC
589	GTAGCAGGGTCCGCAAGACCAAGC	GCTTGGTCTTGCGGACCCTGCTAC
590	TCGCCAACGCAGGGTAACTGCCAT	ATGGCAGTTACCCTGCGTTGGCGA
591	ACTCCGAAGCTTCGAGCGGCACGA	TCGTGCCGCTCGAAGCTTCGGAGT
12	CATCGTCCCTTTCGATGGGATCAA	TTGATCCCATCGAAAGGGACGATG
13	GCACGGGAGCTGACGACGTGTCAA	TTGACACGTCGTCAGCTCCCGTGC
594	ATCATCCCACGGCAGAGTGAAGAG	CTCTTCACTCTGCCGTGGGATGAT
595	CGCTGGACTGGCCTATCCGAGTCG	CGACTCGGATAGGCCAGTCCAGCG
596	CGGTCTCAGCAACACTGTCGCAAA	TTTGCGACAGTGTTGCTGAGACCG
597	CGAACGTTCTCCGATGTAATGGCC	GGCCATTACATCGGAGAACGTTCG
598	ATACCGTGCGACAAGCCCCTCTGA	TCAGAGGGGCTTGTCGCACGGTAT
599	AGCTCATTCCCGAGACGGAACACC	GGTGTTCCGTCTCGGGAATGAGCT
600	TTTCATGCGGCCGTTGCAAATCAT	ATGATTTGCAACGGCCGCATGAAA
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602	CTGCATGGTGTGGGTGAGACTCCC	GGGAGTCTCACCCACACCATGCAG
603	CCGCGAGTGTGGATGGCGTGTTGA	TCAACACGCCATCCACACTCGCGG
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606	GGCGTGGGAGGATAAGACGATGTC	GACATCGTCTTATCCTCCCACGCC
607	TGCTCCATGTTAGGAACGCACCAC	GTGGTGCGTTCCTAACATGGAGCA
608	CGGTGTTGGTCGGACTGACGACTG	CAGTCGTCAGTCCGACCAACACCG
609	CCGCGCGTATCTATCAGATCTGGG	CCCAGATCTGATAGATACGCGCGG
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612	TGCTTACGCAGTGGATTGGTCAGA	TCTGACCAATCCACTGCGTAAGCA
613	ATGCAGATGAACAAATCGCCGAAT	ATTCGGCGATTTGTTCATCTGCAT
614	GCAATTCTGGGCCATGTATTCGTC	GACGAATACATGGCCCAGAATTGC
615	AGGGTTCCTTACGCGTCGACATGG	CCATGTCGACGCGTAAGGAACCCT
616	GTGGAGCTAATCGCGAGCCTCAGA	TCTGAGGCTCGCGATTAGCTCCAC
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619	CGAACAGTGCTGTCCGTCGAA	TTGAGCGACGGACAGCACTGTTCG
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621	CATTAGCCCGCTGTCGGTAACTGT	ACAGTTACCGACAGCGGGCTAATG
622	GGAAAGAAACTCAGACGCGCAATG	CATTGCGCGTCTGAGTTTCTTTCC
623	CGACTCGCTGGACAGGAGAATCGT	ACGATTCTCCTGTCCAGCGAGTCG
624	CATGATCCTCTGTTTCACCCGCGG	CCGCGGGTGAAACAGAGGATCATG
625	GGCGTAGCGCTCTAAAAGCTTCGG	CCGAAGCTTTTAGAGCGCTACGCC
	AGTGATGCCATCAGGCCCGTATAC	GTATACGGGCCTGATGGCATCACT
627	TATGGAAAGGGCAACAGCGCTATC	GATAGCGCTGTTGCCCTTTCCATA

628	CTGTGGTTGATGGAGGATCCACAC	CTCTCCATCCTCCATCAACCACAC
		GTGTGGATCCTCCATCAACCACAG
629	ACTCGCTGGAATTTGCGCTGACAC	GTGTCAGCGCAAATTCCAGCGAGT
630	CAGGCCGAACCACGCGGTTACAG	CTGTAACCGCGTGGTTCGGGCCTG
631	GGCGCAATGGGCGCATAAATACTA	TAGTATTTATGCGCCCATTGCGCC
632	GGTCAATTCGCGCTACATGCCCTA	TAGGGCATGTAGCGCGAATTGACC
633	GATGGTGGACTGGAGCCCTTCCGC	GCGGAAGGGCTCCAGTCCACCATC
634	CCGCGCATAGCGCAATAGGGGAGA	TCTCCCCTATTGCGCTATGCGCGG
635	TCTTCTGGCTGTCCGGCACCCGAA	TTCGGGTGCCGGACAGCCAGAAGA
636	GCGTTCGCAATTCACGGGCCCTTA	TAAGGCCCGTGAATTGCGAACGC
637	TCGTTTCGGCCTTGGAGAGTATCG	CGATACTCTCCAAGGCCGAAACGA
638	AGGTGCAAGTGCAAGGCGAGAGGC	GCCTCTCGCCTTGCACTTGCACCT
639	CGCCAGTTTCGATGGCTGACGTTT	AAACGTCAGCCATCGAAACTGGCG
640	GCTTTACCGCCGATCCCAGATATC	GATATCTGGGATCGGCGGTAAAGC
641	GTGCTTGACGAAGAGGCGAAATGT	ACATTTCGCCTCTTCGTCAAGCAC
642	CAGTCCGTGCGCTTCATGTCCTCA	TGAGGACATGAAGCGCACGGACTG
643	TACGCGTAAGAGCCTACCCTCGCG	CGCGAGGGTAGGCTCTTACGCGTA
644	GGCGAGTCTTGTGGGGACATGTGT	ACACATGTCCCCACAAGACTCGCC
645	CCAAAGCGAAGCGAGCGTGTCTAT	ATAGACACGCTCGCTTCGCTTTGG
646	GCCGTAGGTTGCTCTTCACCGAAC	GTTCGGTGAAGAGCAACCTACGGC
647	AAATCCGCGATGTGCCGTGAGGCT	AGCCTCACGGCACATCGCGGATTT
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654	ATCGTTCAGCACTGGAGCCCGTAA	TTACGGGCTCCAGTGCTGAACGAT
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658	CTCATCGTCCTAACACGAGAGCCC	GGGCTCTCGTGTTAGGACGATGAG
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666	AGCAGAGTGCGTTGCAGAGGCTAA	TTAGCCTCTGCAACGCACTCTGCT
667	TGGAGGTGAGGACGTGCACTA	TAGTGCACGTCGTCCTCACCTCCA
668		ACCGCGAATGTACCCTAAACGGTT

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673	AGCAGGGAAATTCAATCGTTCGCA	TGCGAACGATTGAATTTCCCTGCT
674	CCTAACCGAGCGCTTAGCATTTCC	GGAAATGCTAAGCGCTCGGTTAGG
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684	TGATAGGGGGCCACGTTGATCAGA	TCTGATCAACGTGGCCCCCTATCA
685	TCGCTCCGTAGCGATTCATCGTAG	CTACGATGAATCGCTACGGAGCGA
686	TGTCAGCTGGTAGCCTCCGTTTGA	TCAAACGGAGGCTACCAGCTGACA
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691	TGATTAGGTGCGGTCCCGTAGTCC	GGACTACGGGACCGCACCTAATCA
692	AAGGGACCTTGGGTGACGGCGAGA	TCTCGCCGTCACCCAAGGTCCCTT
693	TCAAATGGCCACCGCGTGTCATTC	GAATGACACGCGGTGGCCATTTGA
694	CTCCGACGACCAATAAATAGCCGC	GCGGCTATTTATTGGTCGTCGGAG
695	GGCTATTCCCGTAGAGAGCGTCCA	TGGACGCTCTCTACGGGAATAGCC
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699	CCCACGCTTTCCGACCACTGACCT	AGGTCAGTGGTCGGAAAGCGTGGG
700	CATTGACACAATGCGGGGACTGAT	ATCAGTCCCCGCATTGTGTCAATG
701	AGCCACTCGACAGGGTTCCAAAGC	GCTTTGGAACCCTGTCGAGTGGCT
702	CAGGATGAGCAAAGCGACTCTCCA	TGGAGAGTCGCTTTGCTCATCCTG
703	CAAGGTATGGTCTGGGGCCTAAGC	GCTTAGGCCCCAGACCATACCTTG
704	GGTGTTCGGCCTAAACTCTTTCGG	CCGAAAGAGTTTAGGCCGAACACC
705	TTTAGTCGGACCCTGTGGCAATTC	GAATTGCCACAGGGTCCGACTAAA
706	CACACGTTTCCGACCAGCCTGAAC	GTTCAGGCTGGTCGGAAACGTGTG
707	CTGGACGAACTGGCTTCCTCGTAC	GTACGAGGAAGCCAGTTCGTCCAG
708	TTCACAATCCGCCGAAAACTGACC	GGTCAGTTTTCGGCGGATTGTGAA
709	AACAGGATATCCGCGATCACGACA	TGTCGTGATCGCGGATATCCTGTT

710	TACGTCGGATCCATTGCGCCGAGT	ACTCGGCGCAATGGATCCGACGTA
711	CATGGATCTCTCGGTTTGATCGCC	GGCGATCAAACCGAGAGATCCATG
712	AGCCAGGCGCGTATATACGCTCGG	CCGAGCGTATATACGCGCCTGGCT
713	ATTTGGCACGTGTCGTGCCATGTT	AACATGGCACGACACGTGCCAAAT
714	CCGCGTTGCACCACTTTGAGGTGC	GCACCTCAAAGTGGTGCAACGCGG
715	TTGGACGTGACAAGCATGGCGCTC	GAGCGCCATGCTTGTCACGTCCAA
716	CTGAATCGCGCAAGTAAATGGGGG	CCCCATTTACTTGCGCGATTCAG
717	GATAAGGTCCACCAGATTGCGCGC	GCGCGCAATCTGGTGGACCTTATC
718	CTAACAATTGCCAACCGGGACGGC	GCCGTCCCGGTTGGCAATTGTTAG
719	GGTAACCTGGGTGCTTGCAGGTTA	TAACCTGCAAGCACCCAGGTTACC
720	ATCGGAGCCACCATTCGCATTGGG	CCCAATGCGAATGGTGGCTCCGAT
721	GTGAACTGGCTTGCCCCAGGATTA	TAATCCTGGGGCAAGCCAGTTCAC
722	AGGCGATAGCATGGTCCCATATGA	TCATATGGGACCATGCTATCGCCT
723	AACGGTATCGTGGCTAATGCACGA	TCGTGCATTAGCCACGATACCGTT
724	AGTAGTGGTCCTCCAGATCGGCAA	TTGCCGATCTGGAGGACCACTACT
725	CCGTTGAATTGGACGGGAGGTTAG	CTAACCTCCCGTCCAATTCAACGG
726	GCATAAGTGCGGCATCGCGAAGGG	CCCTTCGCGATGCCGCACTTATGC
727	CGACAAGATGCAGCTGCTACATGC	GCATGTAGCAGCTGCATCTTGTCG
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729	CAAGGCGAGTCCACTCGAGGGGAC	GTCCCCTCGAGTGGACTCGCCTTG
730	GCAACTTGCACGGCATAAGTGGCC	GGCCACTTATGCCGTGCAAGTTGC
731	TCCGAGCTTGACGTTCGCGACGTC	GACGTCGCGAACGTCAAGCTCGGA
732	AGCGCTGGGCTGTGCCATCTC	GAGATGGCAGCACAGCCCAGCGCT
733	TTCATGTCGCTGAGTAACCCTCGC	GCGAGGGTTACTCAGCGACATGAA
734	CGAACCGCTAATGCCCATTGTCAG	CTGACAATGGGCATTAGCGGTTCG
735	CACGGAAGGTGGGACAAATCGCCG	CGGCGATTTGTCCCACCTTCCGTG
736	CACAGATGGAGACAAACGCGCCTT	AAGGCGCGTTTGTCTCCATCTGTG
737	TTTTCGCAACTCGCTCCATAACCC	GGGTTATGGAGCGAGTTGCGAAAA
738	ACGTTACGTTTCCGGCGCCTCTAA	TTAGAGGCGCCGGAAACGTAACGT
739	TATCGGATTGCGTGGGTTTCAATC	GATTGAAACCCACGCAATCCGATA
740	CTTCCACAATTGTCTGCGACGCAC	GTGCGTCGCAGACAATTGTGGAAG
741	TGCACAAAGGTATGGCTGTCCGGC	GCCGGACAGCCATACCTTTGTGCA
742	TCCGATGCCAGTCCCATCTTAAGA	TCTTAAGATGGGACTGGCATCGGA
743	CTGAAACCGTGCGAATCGAGGTGA	TCACCTCGATTCGCACGGTTTCAG
744	CGGTGTTCCGCGTGTCGAAAAAAT	ATTTTTCGACACGCGGAACACCG
745	TCTAGCAGGCCTTTTGAATCGCCA	TGGCGATTCAAAAGGCCTGCTAGA
746	GAGTCACCTCTGAGACGGACGCCA	TGGCGTCCGTCTCAGAGGTGACTC
747	TCTTCTGTCATCCTGCAGCAGCAT	ATGCTGCTGCAGGATGACAGAAGA
748		AGGCCCCTTTCAGGTTTCATCCGC
749	GGGGCCCCAAACTGGTATCAAGCC	GGCTTGATACCAGTTTGGGGCCCC
750	GCATTGGCTTCGGATTCTCCTACA	TGTAGGAGAATCCGAAGCCAATGC

751	AGGCGGCCCAACTGTGAGGTCTTG	CAAGACCTCACAGTTGGGCCGCCT
752	ACACCATGTGCTCCGCGCTGCAGT	ACTGCAGCGCGGAGCACATGGTGT
753	ACGATGAACATGAATCGGGAGTCG	CGACTCCCGATTCATGTTCATCGT
754	CTGCATCCCTGTAGCAGCGCTCCG	CGGAGCGCTGCTACAGGGATGCAG
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756	GCAGTGCGCACTTCAGTTCAAAAG	CTTTTGAACTGAAGTGCGCACTGC
7 57	GCGATTTTAAGCGATGCCTTGACG	CGTCAAGGCATCGCTTAAAATCGC
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759	CTGGATACCTTGCCTGTGCGGCGC	GCGCCGCACAGGCAAGGTATCCAG
760	CCCCTTACGGCTCGTCGTCTATGC	GCATAGACGACGAGCCGTAAGGGG
761	GCGCTTGCCCGATGCGATGCATTA	TAATGCATCGCATCGGGCAAGCGC
762	TTTCTGTAAGCGGCCTGGGGTTCA	TGAACCCCAGGCCGCTTACAGAAA
763	GGCTGAGGTGAGCGGTAAGGATGA	TCATCCTTACCGCTCACCTCAGCC
764	TCTTGGCCTCCCGATCTAATTTG	CAAATTAGATCGGGGAGGCCAAGA
765	GGAGGTAACGCCGTGTACGTAGGA	TCCTACGTACACGGCGTTACCTCC
766	GTAATCCATTTGTGGCTGCGTCAA	TTGACGCAGCCACAAATGGATTAC
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769	ATAGGTAGGATGTGCCCGGCGTTG	CAACGCCGGGCACATCCTACCTAT
770	GCAAGTGCTTAGCTCGTCAGCCTC	GAGGCTGACGAGCTAAGCACTTGC
771	CTGGCTGTGTCGCATCTCGTTAAC	GTTAACGAGATGCGACACAGCCAG
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776	AGCGTCGCCAGTGATCGCTAGTGG	CCACTAGCGATCACTGGCGACGCT
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778	CGCTTCGCGTATTCAGTAGCGGTT	AACCGCTACTGAATACGCGAAGCG
779	TCGGACGCGTCGACACTCATTATA	TATAATGAGTGTCGACGCGTCCGA
780	TCTGAGCAGGCCAGCTCCAGCT	AGCTGGAGCGCTGGCCTGAGA
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782	AGTTTTCGCCTTGATGCGTCGGTG	CACCGACGCATCAAGGCGAAAACT
783	GTTTCATAGGCCACGCGTGCTAAA	TTTAGCACGCGTGGCCTATGAAAC
16	CATCGCTGCAAGTACCGCACTCAA	TTGAGTGCGGTACTTGCAGCGATG

Seq. ID No.	Decoder Sequence (5'-3') + 5' T	Probe Sequence (5'-3') + 5' T
17	TTTCGCCGTCGTGTAGGCTTTTCAA	TTTGAAAAGCCTACACGACGGCGAA
18	TGTTCCCAGTGAAGCTGCGATCTGG	TCCAGATCGCAGCTTCACTGGGAAC
19	TTACTTGGCATGGAATCCCTTACGC	TGCGTAAGGGATTCCATGCCAAGTA
20	TACTAGCATATTTCAGGGCACCGGC	TGCCGGTGCCCTGAAATATGCTAGT
21	TGAACGGTCAATGAACCCGCTGTGA	TTCACAGCGGGTTCATTGACCGTTC
22	TGCGGCCTTGGTTCAATATGAATCG	TCGATTCATATTGAACCAAGGCCGC
23	TGATCGTTAGAGGGACCTTGCCCGA	TTCGGGCAAGGTCCCTCTAACGATC
24	TTGGACCTAGTCCGGCAGTGACGAA	TTTCGTCACTGCCGGACTAGGTCCA
25	TATAAACTACCCAGGACGGGCGGAA	TTTCCGCCCGTCCTGGGTAGTTTAT
26	TCATCGGTTCGCGCCAATCCAGATA	TTATCTGGATTGGCGCGAACCGATG
27	TGTCGGGCATAGAGCCGACCACCCT	TAGGGTGGTCGGCTCTATGCCCGAC
28	TCTTGGGTCATGATTCACCGTGCTA	TTAGCACGGTGAATCATGACCCAAG
29	TTGCCTAACGTGCTAATCAGCAGCG	TCGCTGCTGATTAGCACGTTAGGCA
30	TCGCATGTTGGAGCATATGCCCTGA	TTCAGGGCATATGCTCCAACATGCG
31	TAGCCACTGCATCAGTGCTGTTCAA	TTTGAACAGCACTGATGCAGTGGCT
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33	TTCGACCAAGAGCAAGGGCGGACCA	TTGGTCCGCCCTTGCTCTTGGTCGA
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35	TGAAATACGAAGTCTGCGGGAGTCG	TCGACTCCCGCAGACTTCGTATTTC
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37	TATATCGGGATTCGTTCCCGGTGAA	TTTCACCGGGAACGAATCCCGATAT
38	TGCGAGCGTACCGAAGGGCCTAGAA	TTTCTAGGCCCTTCGGTACGCTCGC
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40	TGTAATCGAGAGCTGCGCGCCGTCT	TAGACGGCGCGCAGCTCTCGATTAC
41	TCCTGTTAGCGTAGGCGAGTCGATC	TGATCGACTCGCCTACGCTAACAGG
42	TTAGCGGACCGGCAGAATGAGTTCC	TGGAACTCATTCTGCCGGTCCGCTA
43	TGGTACATGCACTACGCGCACTCGG	TCCGAGTGCGCGTAGTGCATGTACC
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	TGAGAACTGATCGCTGAGGGGCATG	TCATGCCCCTCAGCGATCAGTTCTC
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55 TITCACATCCAAATATGGTCCGCGAA 55 TITCTGCCGGTGTGACCGCTTCATT 55 TATCTGCCGGTGTGACCGCTTCATT 56 TCATCGCAGAGCATAAACACCCTCA 57 TGTTGGTATCTATGGCAGAGGCGGA 58 TACGAGGTCACCAGGCACAT 59 TIGGAGTGTCATT 59 TIGGAATGAGTGCACCGGGCACATT 59 TIGGAATGAGTGCACCAGGCACATT 60 TITGCAATATGCGTCCGTGTCT 61 TITGAATATGGCTCCGTGTCT 62 TCACCGCGGGTACCAGGCACATT 63 TATGGAACCCCAGGCACATT 64 TITGAATATGGCTCCGTGTCT 65 TACGAGGTGCCCTTACAGAATGA 66 TITGATGAGACCCAGGCACATT 67 TITGTCAATATGCCTCAGGACCAGGACACCCTCTATCC 68 TACGAGGGTCCCATCAACAACA 69 TITCACCAGGGTACCAAGGACA 60 TITACCTGCGTCTCCCCTTTCCT 60 TITGACAATAGGTGCCCCTTTCCT 61 TITGACAATAGGTGCCCCTTTCCT 62 TCACCGCGGTGTTCCAAAGAATGA 63 TITGTTGCCAATGGTGCCCCTTTCCT 64 TITAACCTGCGTCTGCCCTTTCCT 65 TAGGCCGAACGCAAAGAACACACACACACACACACACACA			
TCATCGCAGAGCATAAACACCCTCA TIGAGGGTTTTATGCTCTGCGATG TGTTGGTATCTATGGCAGAGGCGGA TTCCGCCTCTGCCATAGATACCAAC TACGAGGTGCCGCTGAGGTTCCATT TAATGGAACCTCAGCGGCACCTCGT TAGAGGTGCCGGTGAGGTTCCATT TAATGGAACCTCAGCGGCACCTCGT TGGAATGAGTGCACCCAGGCACATT TAATGGACCTCAGGGCACCTCATTCAC TTGTCAATATGCGTCCGTGTCGTCT TAGACGACACGGACGCATATTGACA TTGATATGCGTCCGTGTCGTCT TAGACGACACGGACGCATATTGACA TTGATGAGCCTCAGGGTACGAGCAC TTGCTCATACCTGAGCACACGGACCCATATTGACA TTTAACCTCCGGTTCCTCACAGAATGA TTTAACCTGCGTTCCCCTTTCCT TAGGAACACGGCACACCATTGGCACACACACACACACACA	54	TTCACATCCAAATATGGTCCGCGAA	TTTCGCGGACCATATTTGGATGTGA
57 TGTTGGTATCTATGGCAGAGGCGGA 58 TACGAGGTGCCGCTGAGGTTCCATT TAATGGAACCTCAGCGGCACCTCGT 59 TGGAATGAGTGGACCCAGGCACATT TAATGGACCTCAGCGGCACCTCGT 59 TGGAATGAGTGGACCCAGGCACATT TAATGTGCCTGGTCCACTCATTCC 60 TTGTCAATATGCGTCCGTGTCT TAGACGACACGACCACCACTATTCAC 61 TTGATAGAGCCTCAGGGTACGAGGCA 61 TTGATGAGCCTCAGGGTACGAGGCA 62 TCACCGCGGTGTTCCTACAGAAATGA TTCATTCTGTAGGAACACCGCGGTG 63 TTTGTTGCCAATGGTTCCCCTTTCCT TAGGAAACACCACCGCGGTG 64 TTTAACCTGCGTCGCCCTTTCCT TAGGAAAGACACCACCACACA 65 TAGGCGCGTTCCTGCCCTTTCCT TAGGAAAGGGCAGAGCACCATTGGCAACAA 66 TTAGAGCCAAAGTCAGCACCACGAAGCTTCAA 67 TTGCATAGAGCCAAAGTCGGCGATG TCATCGCCCATA 68 TTTGAGAGCCAAAGTCAGCACACGAAGCTTCAA 69 TTCCGCATTGTGAGAC TCATCGCCCACACGA 69 TTCCGCATTGTGAGAAAAAACACACC 70 TGGCGTTCCTGCTATAGGTAC TGCCCCTTATTCCCCCCTCTCAA 69 TTCCGCATTGTGAGAAAAAAACAAACCACC 71 TGGTGAAAATTTCGTAGCACCACGGA TCCCCTTAGCACAACGCCACCGA 70 TGGCGGTTTCCTAACGTAC TGCCCCAAAA 71 TGGTGAAAATTTCGTAGCACACAAA 72 TCCGACGGAGGAGCACCACGGA TCCACCGAAACTTCCCCCCTCCTCCAC 73 TCCAGTTTGAGCACACACGGC TGCCCCTTAGCTACCAAAACCGCC 74 TCGGAAAATTTCGTAGCCACCGGAC TCCCCCTTCCAACACCGCGA 75 TCCGACGGAGGATGAAACAAATCAC TGTGATTGTCTTCATCCCTCCGTCGG 76 TATCGCAATTTAGGCCCTTTCAA TTTTTTTTTTTCACCAACCGGTACCAACTCG 77 TCAGGTGCACCATTTTCACCCCAAAA TTTTTTTTTTTT	55	TGTCTGCCGGTGTGACCGCTTCATT	TAATGAAGCGGTCACACCGGCAGAC
TACGAGGTGCCGCTGAGGTTCCATT TAATGGAACCTCAGCGCACCTCGT S9 TGGAATGAGTGGACCCAGGCACATT TAATGTGCCTGGGTCCACTCATTCC 60 TTGTCAATATGCGTCCGTGTGTCT TAGACGACACGGACGCATATTGACA 61 TTGATGAGCCTCAGGGTACCAGAGCA 62 TCACCGCGGTGTTCCTACAGAATGA 63 TTTGTTGCCAATGGTCCCTCAGAATGA 64 TTTAACCTGCCGTTCCTACAGAATGA 65 TAGGCGCAATGGTCCCCCTTTCCT TAGGAAAGGGCACACCATTGGCACAA 64 TTTAACCTGCGTCTGCCCCTTTCCT TAGGAAAGGGCACACCATTGGCACCAA 65 TAGGCGCGTTCCTGCCCTTAGTGACG 66 TTAGGCCGATGGCACGAAGCTTCAA 67 TTGCATAGGCACAAGACGCAGGTT 67 TTGCATAGAGCCAAAGTCA 68 TTTCATGGAAGCCAAAGCCACGCAG 69 TTCCGCATTGTGCACCAAGACACACAA 69 TTCCGCATTGTGACACACAC 69 TTCCGCATTGTGAGAAAAAACAGAC 70 TGGCGGTTTCCGTAGCACACGAA 70 TGGCGGTTTCCGTAGCACACGAA 71 TGGTGAAAATTTCGTAGCCACGGCATT 72 TCCGACGGAGGAGAAAAACACACC 73 TCCAGTTTTGCCCCAAAAT 74 TGGATAAAATTTCGTAGCCACAGGA 75 TCCAGTTTTGCCCCAAAAT 76 TCCAGTTTTGCCCCAAAATTTCCCCTCCCAA 76 TATCCCAATTTAGGCCCACAGA 77 TCCAGTTTTGCCCCAATTTCGCCAAAA 77 TCCAGTTTTGCCCCAATTTCGCCAAAA 77 TCAGGTGCACAATCCC 76 TATCGCAAATCCTGCCCAAAA 77 TCAGGTGCACAATCCC 76 TATCGCAAATCCTGCCCAAAA 77 TCAGGGCATGCACATAACACCC 76 TATCGCAAATCCTGCCCAAA 77 TCAGGGCATGCAATAAATCCAACACCAC 78 TCAGTTTGCACCATTTCGACTTCA 79 TCAGCGCAATCCTGCCCCAAA 77 TCAGGGCATGCAATAAATCGAAGGTTC 78 TCAGTTTGACCATTTCGACTTCA 79 TCAGCTGCAATAATATCGAAGGTTC 70 TCAGGGCATGCAATAATATCGAAGGTTC 71 TCAGGGCATGCAATAATATCGAAGGTTC 72 TCAGGGCATGCAATAATATCGAAGGTTC 73 TCAGCTGCACATAATATCGAACAC 74 TGATCGCTATATATGGACCAACAC 75 TCAGCTGCACAATAATATCGAACGTTC 76 TATCGCAAATCCTGCTCCTCAA 77 TCAGGGCATGCAATAATATCGAACACC 78 TCAGCCGCCAATAATATCGAACCAC 79 TCAGCTGCACAATAATATCGAACCAC 79 TCAGCTGCACAATAATATCGAACCAC 70 TGAGCTGCACAACACC 71 TGAAACTCACACCC 71 TGAAACTCCTCCAAACACC 72 TCAGCGCCCAATAATATCCAACCAC 73 TCAGCGTGCACAACACAC 74 TGAGCAACACCAC 75 TCAGCACCCCGCCAAC 75 TCAGCACCACCAC 76 TATCGCACCACACACC 77 TCAGCGCCCACATAATATCCAACCAC 78 TCAGCACCACCAC 78 TCAGCGCCCAATAATATCCACCACC 78 TCAGCACCCCCACAC 79 TCAGCTGCACCACACCAC 70 TCAGCGCCCCTTCCTCAC 70 TCAGCGCCCCCTCCTCCACAA 71 TCAGCGTCCCCCACAA 71 TCAGCGTCCCCCACA 71 TCAGCGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	56	TCATCGCAGAGCATAAACACCCTCA	TTGAGGGTGTTTATGCTCTGCGATG
TIGGAATGAGTGGACCCAGGCACATT TAATGTGCCTGGGTCCACTCATTCC TAGACGACACGGACGCATATTCACA TITGTCAATATGCGTCCGTGTCGTCT TAGACGACACGGACGCATATTCACA TITGATGAGCCTCAGGGTACGAGGCA TITGCTCGTACCCTGAGGCTCATCA TTGATCACCGCGGTTTCCTACAGAATGA TTCATTCTTATGAGAACACCCGGGTG TACACCGCGGTTCCTACAGAATGA TTCATTCTTATGGAACACCCCGGTG TAGACCGCGGTTCCTCCTCTCTCTCACCGGACCACCATTGGCCAACAA TITAACCTGCGTCTGCCCCTTTCCTTCTCTCTCAGGACACAACACGCGCGTG TAGGCCGGTTCCTGCCCTTTCCTTCTTCAGAAAAGGCAGCAGCAGACGCAACGTTAA TAGACCGCGGTTCCTGCCCTTTAGTGACG TAGGCCGATGGCACGAAGCTTCAA TITGAATAGAGCCAAAGTCGGCGATG TTGCATAGAGCCAAAGTCGGCGATG TTGCATAGAGCCAAAGTCGGCGATG TTCATGCACAATGCGCCACAGGA TTCCGCACTTGTGAAAAAAAAACGAGC TTCCGCACTTGTGAAAAAAAAACGAGC TTCCGCACTTGTGAAAAAAAAACGAGC TTCCGACGGAGAAAAAAAAACGAGC TTCCGACGGAGAGCACGCACGGAACCCCCCTA TTGGATGAAAATTTCGTAGCCACAAAA TTTTTCACAAAATCTCCTCCCGTCGGG TACCAGTTTTGGCCCAAAAAAAAAA	57	TGTTGGTATCTATGGCAGAGGCGGA	TTCCGCCTCTGCCATAGATACCAAC
TIGACATATGCGTCCGTGTCGTCT TAGACGACGGACGCATATTGACA TIGATGAGCCTCAGGGTACGAGGCA TIGCCTCGTACCCTGAGGCTCATCA TTGATGAGCCTCAGGGTACGAGGCA TTGCCTCGTACCCTGAGGCTCATCA TTGATGAGCCCTCACGGGTGTCCTACAGAATGA TTGATTCTGTAGGAACACCGCGGTG TCACCGCGGTGTTCCTACAGAATGA TTGATTCTGTAGGAACACCGCGGTG TCACCGCGGTGTCCCCCTTTCCT TAGGAAAGGGGCACACCATTGGCAACAA TTTAACCTGCGCCCTTTACGT TAGGAAAGGGGCAGACCCATTGGCAACAA TTTAACCTGCGCCTTAGTGACG TCACCAAGGCAGAGCCCAGGACACCAGTGCACACACACAC	58	TACGAGGTGCCGCTGAGGTTCCATT	TAATGGAACCTCAGCGGCACCTCGT
61 TTGATGAGCCTCAGGGTACGAGGCA 62 TCACCGCGGTGTTCCTACAGAATGA 63 TTTGTTGCCAATGGTGTCCTCACAGAATGA 64 TTTAACCTGCGTCTGCCCTTTCCT TAGGAACACCACTTGGCAACAA 65 TAGGCGCGTTCTGCCTTTAGTGACG TCCGTCAGGGCAGACGCAGGTTAA 65 TAGGCGCGTTCTGCCTTAGTGACG TCCGTCAGGCAGAACGCAGGTTAA 66 TTAGGCGATGCCCCTTTCAT 67 TTGCATAGGAGCCACAAGCTTCAA 68 TTTGACAGGCAAAGTCGGCGATG 69 TTCCGATGGAGCACAAAGTCGGCGATG 69 TTCCGCATTGTGAGAGAAAAAACAGAGC TCCTCTCAA 69 TTCCGCATTGTGAGCAAAAAAAACAGAGC TGCTCTCTCAA 69 TTCCGCATTGTGAGCAAAAAAAACAGAGC TGCCCCTTCAA 67 TGGAAAAATTTCGTAGCCACAGGA TGCCCCTCCAA 68 TTTGAGAGGCAGAAAAAAACAGAGC TGCTCGTTTTTTTCTCACAATGCGGA 70 TGGCGGTTTCCGTAGCTATAGGTGC TGCCCCTTCAA 71 TGGTGAAAATTTCGTAGCCACAGGA TGCCCCGTGGCTACGAAAATTTCACC 72 TCCGACTGGAGAAAAAAACAAATCAC TGTGATTTGTCTTCATCCTCCGTCGG 73 TCCAGTTTTGGCCCAAAAT TTTTTGGCAAATTTGGCAAAATTTCACC 74 TGGATCTATTAGGCCGTGCGCACAG TCTTGTGCCACAAACTGG 75 TCGGATGTCACCGTTTTGGAACTTTCA TTGAAAAGTCCAAACAGGTGACATCCG 76 TATCGCAAAATCCTGCTCCGTCCCTAA TTTAGGCAACAGGGCCAAACTGG 77 TCAGGGCATGCAAATAATCGAGGTTC TGAAACTCCAAAACGGTGACATCCG 78 TCATCGCTTGTAATATGGGCCCAAAG TCTTGGGCCCAATTTTGCATT 77 TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTTGCATCCCTG 78 TCATGCGTTGATATATGGGCCCAAG TCTTGGGCCCAATTATCAACGCATG 79 TCAGCTGCAGCTTTGTAACCAAACCAC TGTGGTTGGTCACAAGCTGCAGCTG 80 TTTGTATGTCTTCCCGAAAA TCTTGGCCCAAAACTGGTAACAACAGTGCAACATCAA 81 TGATGGCCCCGTTGATAGAACAACCAC TGTGGTTGGTCACAAGCTGCAGCTG 82 TATGAGAATCCCCGGCGAACC TGCTCGCCGGTCGGCAACATAAA 84 TCAGGGAGAACGATTAAGAACAACAC 85 TAGGCCGCGCAATCTGCTA TTAGCAGAACTCCCTGATCCCCTG 86 TACACGCGGCAACCTTGCTA TTAGCAGAACTCCCTGATCCCCTG 87 TGTGCAAACGCCAGGAGCTCGTT TCACGAACCTCCAGGCACCT 88 TATGTCACCAGACCACTCGTT TAGCAGAACTTCAACGGCCGCACCT 71 TGGGAAACGCCAGGGACC TGGCGCAACTTAACCAGCACCCTGGTTGCAC 86 TACACGCTGGAGAGAATTAGCAACACC TGGTCGCAACACACCCTGGTTGCAC 87 TGTGCAACGCCAGGCTCATAATTCAACGGCCGCACCT 87 TGTGCAACGCCAGGCACC TGGCGCAACTTAACCGGCCGCACT 87 TGTGCAACGCCAGGCACC TGGCGCAACTTCAACACGCCAGGCCCATTCCATCACCATCACCATCACCATCACCATTCCACCA	59	TGGAATGAGTGGACCCAGGCACATT	TAATGTGCCTGGGTCCACTCATTCC
TCACCGCGGTGTTCCTACAGAATGA TTCATTCTGTAGGAACACCGCGGTG TTTGTTGCCAATGGTGTCCGCTCGG TCCGAGCGGACACCATTGGCAACAA TTTAACCTGCGTCTGCCCCTTTCCT TAGGAAAGGGGCAGACGCAGGTTAA TAGGCGCGTTCCTGCCTTAGTGACG TCGTCACTAAGGCAGGAACGCCACGTTAA TTGAGGCGCGTTCCTGCCTTAGTGACG TTGCATAGGCCCACGAAGCTTCAA TTTGAAGCTCAGCCACAGAACCTCAA TTTGAAGACCCACAGAACCTCAA TTTGAAGAGCCACAAGCCCACAGGA TTTGCATAGAGCCACAAGCCACAGGA TTCCGTGTGCCTTAGTGACG TTTGCATAGAGCCACAAGTCGCCATT TCATTGCACTAGAGCCACACGGA TTCCGTGTGCCTTCACA TTCCACTAGGCCACCTGCCTTCACA TTCCGCACTTGTGAGAAAAAACAACGAC TTCCGTGTGTTTTTCTCACAATGCGGA TTCCGCATTGTGAGAAAAAACAACGAC TGCCCGTTGTTTTTCTCACAATGCGGA TGCCGATTTGTAGAAAAAAACAACGAC TGCCCGTTGTTTTTCTCACAATGCGGA TCCGACGGAGGATGAGCACACGGC TGCCCGTGGCTACCAAAATTTTCACCCCAAAA TTTTTGGCCAAAATTTTCATCCCCCAAAA TTTTTGGCCACAGCCCAAAACTGCCCAAAACGGTCCAAAACTGGCGCAAACTGG TGCAGTTTGGCCCAAAATTCCACCCAAAA TTTTTGGCCACAGCCCAAAACAGCGCCCAAAACAGGTGCCCAAACACGGTGCACATCCCG TGCGATGTCACCGTTTGGACTTTCA TTGAAACTCCAACACGGTGCCCCAAA TTAGGCACCCCTTGTCACCAAACCACCAC TTTGAACCTCGATTTGCACCAACACCAC TTTGAACCTCGATTTTCACTCCCAAAACGGTGACATCCCG TCAGCTGCAACATAATACGAGGTTC TCAGCGCACGCTTGTAACAACCAC TTTGAACCTCGATTATTTGCACCAACCAC TTTGAACCTCGATTATTTGCACCAACCAC TTTGAACCTCGATTATTTCACCCAACCAC TTTGAACCTCGATTATTTCACCCAACCAC TTTGAACACCCCGGCGAACCTTCGCTA TTAGCACTTGCACCAACCAC TTTGTATTTTTTTTTT	60	TTGTCAATATGCGTCCGTGTCGTCT	TAGACGACACGGACGCATATTGACA
TITGTTIGCCAATGGTGTCCGCTCGG TCGAGCGGACACCATTGGCAACAA TITAACCTGCGTCTGCCCTTTCCT TAGGAAAGGGGCAGACGCAGGTTAA TAGGCGGCTTCCTGCCTTAGTGACG TCGTCACTAAGGCAGGAACGCCCTT TTGAAGCTGCGCTTAGTGACG TTGCATAGAGCCAAAGCTCCAA TTTGAAGCTTCGTGCCATTGCCCTTAGTGACG TTGCATAGAGCCAAAGCTCCAA TTTGAAGCTTCGTGCCATTGCCCTTAGCA TTTGAAGGCGAAGGCCAAAGCTCCAA TTTGAAGGCCAAAGCCCAAAGCTGCCAA TTTCGCATTGTGACAAAAAAACACGAC TTCCGCTGTTTTTTCTCACAATTGCGGA TTCCGCATTGTGAGAAAAAAACAGAC TTCCGTTTTTTTCACAAATTCCGGA TTCCGCATTGTGAGAAAAAAACAGAC TGCCTTTTTCTCACAAATTCCACA TTTCGGAGAAAAATTTTCGTAGCCACAGGGC TGCCCGTGGCTACCGAAAATTTTCACC TCGGACGGAGAGCTTCCAAAA TTTTTGGCGCAAAATTTTCACC TCCGACGGAGGATGAACAACACAC TTCGCACGGAAACTTCCCTTCAA TTGGATCTATTAGGCCCCAAAA TTTTTGGCGCAAATTTTCACCCCTTCGG TATCGCAAATCCTGCCCAAAA TTTTTGGCGCACAGGCCTAATAGGTCC TCGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACAGGTGCAAAACCGCC TCAGGATGTCACCGTTTGGACTTTCA TTCAGGGCATGCAAAATATCGAGGTTC TCAGGCTTGCAAAAATATCAACGAGGTC TCAGGCAAACCACCAC TCTTTGGCCCAAAATATCACCGTTTCCATA TTCAGGCAAACACACCAC TCTTTGGCCCAAAATATTCACCCTGTCCCTAA TTTTAGGACGAGAACAACACAC TCTTTGGCCCCATATATCAAACGCATGCCCTG TCAGCTGCAGCTTTGTGACCAACCAC TGTTGGCCCCATATATCAAACGCATGCAAGCTTGCCATCA TTTTTTTTTT	61	TTGATGAGCCTCAGGGTACGAGGCA	TTGCCTCGTACCCTGAGGCTCATCA
64 TITAACCTGCGTCTGCCCCTTTCCT TAGGAAAGGGCAGACGCAGGTTAA 65 TAGGCGCGTTCCTGCCTTAGTGACG TCGTCACTAAGGCAGGACGCAGGTTAA 66 TTAGGCGCATGGCACGAAGCTTCAA TTTGAAGCTTCGTGCCATAGCA 67 TTGCATAGAGCCAAAGTCGGCGATG TCATCGCCGACTTTGGCTCTATGCA 68 TTTGAGAGGCAGAGGTGGCCACAGGA TCCGTCGTCTCAA 69 TTCCGCATTGTGAGAAAAAAACGAGC TGCTCGTTTTTCTCACAATGCGGA 70 TGGCGGTTTCCGTAGCTATAGGTGC TGCACCTATAGCTACGGAAACCGCC 71 TGGTGAAAATTTCGTAGCCACGGGC TGCCCGTATAGCTACGGAAACCGCC 72 TCCGACGGAGGATGAAGACAATCAC TGTGATTGTCTTCATCCTCCGTCGG 73 TCCAGTTTGGCCCAATTCGCCAAAA TTTTTTGCGAAACTTGG 74 TGGATCTATTAGGCCCAATTCCCCAAAA TTTTTTGCGAACTTGG 75 TCGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACCGGTGAACATCC 76 TATCGCAAATCCTGCTCCTAA TTTTAGGCACGGCCTAATAGATCC 77 TCAGGGCATGCAATAATCGAGGTTC TGAAACCACGGGAACATCCG 78 TCAGCTTGAATATATGGGCCCAAG TCTTGGGCCAAGAGATTTGCAT 77 TCAGGGCATGCAATAATCGAGGTTC TGAAACCTCGATTATTTGCATCCCTG 78 TCATCCGTTGGACTTTCA TTTTAGGGACGGCCAATATACATCC 79 TCAGCTGCAATAATCAACCAC TGTGGTTGCACAACCGATG 79 TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGCCAAAGCTGCAGTG 80 TTTGTATGTCTGCCGAACCACCAC TGTGGTTGGCCAAAGCTGCAGCTG 81 TGATGGCGCCCGTTGATAGGTATGG TCCATACCAAACCGGGGCAGACATACAA 81 TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGGCGCCATC 82 TATGAGAATCGCCGGCAACCTCGTT TTAGCAGACTTGCAGCTG 83 TATTTGCACTGACCGACGGCTCGTT TACCGAGCCTGGGCAGACATTCCAT 84 TCAGGGAGAACGGTTAAGTTCCCGT TCACAGACCTTGCGGCGGCCATC 85 TAGGCCGGCATCGAGGACTTGGTA TTAGCAGACTTCACCTTCCCTTG 86 TACACGGTGGTTCTGATAAGGTACCG TGCACAACTCCTCGATCGACCGCCGCT 87 TGGCAACCGCGAGACTTTAGCTAC TTACCGAACCTCCTGGCCGGCCCTTC 88 TCACCGGCGATCGAGGACTTTGCTA TACCGAACCTCCTGATCCCCTG 87 TGGCAACCGCCGAGGCTCCGT TACCGAACCTCCTGGCCGGCCCTT 87 TGTGCAACCGCGAGACTTCCATC TTACCGAACCCCCGGCCT 87 TGGCAACCGCCGAGCCTCCTG TCACCAAACTCCTCGATCGCCGGCCT 87 TGGCAACCGCCGAGCCTTCCATC TTACCGAACCCCCGGCCT 87 TGGCAACCCCGAGGCTCCTGATAGCCACCCTGTT 77 TACCAAACTCCTCGATCGCCGCGCTTGCAC 77 TGCGAAAAACTACACACCCCGATCTCCATCCT TACCGCGCGCCCTTTGCAACCCCGAACCACCCGATCCCCGCGCCCCTTTGAAACACCCTGCCTG	62	TCACCGCGGTGTTCCTACAGAATGA	TTCATTCTGTAGGAACACCGCGGTG
TAGGCGCGTTCCTGCCTTAGTGACG TCGTCACTAAGGCAGGAACGCGCCT TTAGGGCGATGGCACGAAGCTTCAA TTTGAAGCTTCGTGCCATCGCCTA TTTGCATAGAGCCAAAGTCGGCGATG TTCATCGCGACTTTGGCTCTATGCA TTTGCATAGAGCCAAAGTCGGCGATG TCATCGCCGACTTTGGCTCTATGCA TTTGCATAGAGCCAAAGTCGGCGATG TCATCGCCGACTTTGGCTCTATAGCA TTCCGCATTGTGAGAAAAAACCAGGC TTCCGCATTGTGAGAAAAAAACCAGC TGCCGTTTTTTCTCACAATGCGGA TTCCGCATTGTGAGAAAAAAACCAGC TGCCGTGGCTACCGAAATTTTCACC TGCAGCGAAGAAAATTTCGTAGCCACCGGC TGCCCGTGGCTACCGAAATTTTCACC TCCAGCTTGGCCCAAATTCGCCAAAA TTTTTGGCCAATTGGCCCACAGGC TCCAGTTTGGCCCAATTCCCCAAAA TTTTTGGCCAATTGGCCCACAGGC TCCAGTTTTGGCCCAATTCAC TTGGATCTATTAGGCCCGTCGCCACAG TCTGTGCCCCCCAAAAATTTTGGCACACCGCCTAATAGATCCC TGGATGTCACCGTTTGGACTTTCA TTGGACCAATCCGTCTCCCCTAA TTTAGGCACGTGCACAGGTGACAACCGTGACACCGTGACATCCG TACCGGATGTCACCGTTTGGACTTTCA TCAGGGCATGCAATACTCGAGGTTC TCAGGGCATGCAATAATCGAGGTTC TCAGGGCACGAAATCCTGCCCTAA TTTAGGGCCCGACAGGCAGAAATTTTGACACCCCTG TCAGCTTGATATATGGGCCCAAG TCTTGGGCCCAATATTTGACACCCCTG TCAGCTTGATATATTGACCCCCTG TCAGCTTGATATATTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGCCTGCTTGTAAAGTTAGGTATGG TCATACCTATCAACGGGCGCCCATC TTTGTATGTCTGCCGACCGGCGACC TGGTCGCCGGTCGGCAGACATACAA TTATGGCAGCCCGTTGATAGGTATGG TCATACCTATCAACGGGCGCCCATC TTAGGAAATCCCCCGACGCCACC TGGTCGCCGGTCGGCAACATCCAT TTAGGCAGCCCGCGCACC TTAGGCAGCCTGTTAAATTCCACT TTAGCAGAATTCCCCT TTAGGCAGCCCGCGCACC TTAGGCAGCCTGCGCCACCC TTAGCAACTCCTCCCTC TTAGGCAACCGTTTCCATT TTAGCACTGCCGCGCACCCTTCCATCA TTAGGCAGCCTGCGGCACCCTGTTCCCCTG TCACCGGTGGTCACTAAGCCACCCCTTTTACCCTTCCCTG TACCAGACCGTTGATAAGCACCCCCTTTTACCCTTCCCTG TTACCAACCTCTCCATCA TTACGCAACCCTTCCCCTG TACCAGACCTTCCCCTG TTACCAACCCTCCGCGCCTTCCCCCGCTTTCCCCTG TTACCAACCTCTCCATCACCCCCGGCCTTCCCCCGCCTTTCCCCTG TTACCAACCTCTCCAACCCCCGCGCTTTCCACCCGCCTTTCCCCTG TTTGCAACCGCCGAGACCTTCCCATCA TTATGGAAATACCACACACCACCACCCCGTTTACCCCTTCCCTGCCCGCCTTTCCACCCGCCTTTCCACCCGCCTTTCCACCCGCCTTTCCACCCGCCTTTCCACCCGCCTTTCCACCCGCCTTTCCACCCGCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCGCCCTTTCCACCCCCCCC	63	TTTGTTGCCAATGGTGTCCGCTCGG	TCCGAGCGGACACCATTGGCAACAA
TTAGGGCGATGGCACGAAGCTTCAA TTTGAAGCTTCGTGCCATCGCCCTA TTGCATAGAGCCAAAGTCGGCGATG TCATCGCGACTTTGGCTCTATGCA TTTGCATAGAGCCAAAGTCGGCGATG TCATCGCGACTTTGGCTCTATGCA TTCCGCATTGTGAGAAAAAACGAGC TTCCGCATTGTGAGAAAAAACGAGC TGCTCGTTTTTTCTCACAATGCGGA TTCCGCATTGTGAGAAAAAAACGAGC TGCCCGTTTTTTTCTCACAATGCGGA TGGCGGTTTCCGTAGCTATAGGTGC TGCACCTATAGCTACGGAAAACCGCC TGCCCGTGGCTACGGAAACCGCC TGCCCGTGGCTACGAAAATTTCACC TCCGACGGAGGATGAAGACAATCAC TGTGATTGTCTTCATCCTCCGTCGG TCCAGTTTGGCCCAATTCGCCAAAA TTTTTGGCGAATTGGGCCAAACTGG TGGATCTATTAGGCCGTGCGCACAG TCTGTGCGCACGGCCTAATAGATCC TGGATCTATTAGGCCGTGCGCACAG TTTGGAAAGTCCAAACGGTGACATCCC TATCGCAAATCCTGCTCCCTAA TTAGGGACGAGCAGGACTTTGCACTACCACACGGTGACATCCG TCAGGGCATGCAATAATCGAGGTTC TCAGGGCATGCAATAATCGAGGTTC TCAGGGCATGCAATAATCGAGGTTC TCAGCTTGATATATGGGCCCAAG TCTTGGGCCCCATTATTTCACTCCCTCG TATCGCAAATCCTGCTCCCTAA TTAGGGCCCCCATTATTTCACTCCCCTGC TCAGCCTGCAGCTTTGTGACCAACCAC TGTGGTTGGTCACAAGCTTGCCTG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTTGCAGCATC TTAGAGAATCGCCGGCAACCACCAC TGTGCTTGGTCACAAGCTTCAATCAAAGCTGCAGCTG TCATGAGGAATCACAACACCAC TTAGAGAATCGCCGGCAATCTGCTA TTAGAGAATCGCCGGCAATCTGCTA TTAGAGAATCGCCGGCAATCTGCTA TAGAGAATCGCCGGCAATCTGCTA TAGAGAATCGCCGGCAATCTGCTA TAGAGGAACTTCACCTGTCCTCCTG TACAGAGCCTGCGGTCAAGTTCCCTG TACAGAGCTTCCATCACCTTCCCTGGCCGCCCTTCCCTGGCCGTCCCTGGTCAACTTCCCCTGGCCGTTCCCCTGG TACACCGGTGGTCTCTGATAGCTACCACCACCCTTCCATCAACCTTCCCCTGGCCGTTCCACCCGGCCCTTCCACCACCACCACCCCGTTTCCACCCGCGCCCTTCCATCACCACCACCCCGTTTCCACCCGCGCCCTTCCACCACCCCGCGCCCTTCCACCACCACCCCGTTTCCACCCGCCGCCCTTCCACCCGCCGCCCTTCCACCCGCCGCCCTTCCACCCGCCGCCCTTCCACCACCCCCGCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCCTTCCACCCCGCCGCCTTCCACCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCTTCCACCCCGCCGCCGTTTCCACCCCGCCGCTTCCACCCCGCCGCCGCTTCCACCCCGCGCCGCTTCCACCCGCCGCCGTTTCCACCCCCGCCGCTTCCACCCCGCCGCCGTTTCCACCCCGCCGCTTCCACCCCCCGCCGCTTCCACCCCCCGCGCCGTTTCCACCCCCCCGCCGTTCCACCCCCCCC	64	TTTAACCTGCGTCTGCCCCTTTCCT	TAGGAAAGGGCAGACGCAGGTTAA
TIGCATAGAGCCAAAGTCGGCGATG TITGAGAGGCAGGCCACACGGA TITCCGTGTGGCCACCTGCCTCTCAA TITCCGCATTGTGAGAAAAAACGAGC TICCGTGTTTTTTCTCACAATGCGGA TICCGCATTGTGAGAAAAAACGAGC TICCGCATTGTGAGAAAAAACGAGC TICCGCATTGTGAGAAAAAACGAGC TICCGCATTGTGAGAAAAAACGAGC TICCGCATTGTGAGCACACGGGC TICCGCGTGGCTACGAAAATTTCACC TICCGACGGAGGATGAAGACAATCAC TICCGACGGAGGATGAAGACAATCAC TICCGACGGAGGATGAAGACAATCAC TICCGACGGAGGATCGCCAAAA TITTTGGCGCAATTGGGCCAAACTGG TICCAGTTTGGCCCAAAA TITTTGGCGCAATTGGGCCAAACTGG TICAGTTTATAGGCCGTGCGCACAG TCTGTGCGCACGGGCCTAATAGATCC TICAGGATGTCACCGTTTGGACTTTCA TICAGGATGTCACCGTTTGGACTTTCA TITAGGACGAGGAGCAGGATTTGCGAT TICAGGATGTCACCGTTTGGACTTTCA TITAGGACGAGGAGCAGGATTTGCGAT TICAGGGCAAATACTGGCCCAAA TITTAGGACGAGGAGCAGGATTTGCAT TCAGCGTTGATATATAGGGCCCAAG TCTTGGGCCCCATATATCAACGCATG TCAGCTGCAAATAATCGAGGTTC TCAGCTGCAGCTTTGGACCACCAC TGTGGTTGGTCACAAGCTGCAGTA TATTGAGCATTGCCCACCACACACTGTTGGACATCAAACGTTGAGCCTG TCAGCTGCAGCTTTGACCAACCAC TGTGGTTGGTCACAAGCTTGCAGCAAA TTTTTTTTTT	65	TAGGCGCGTTCCTGCCTTAGTGACG	TCGTCACTAAGGCAGGAACGCGCCT
TITGAGAGGCAGGTGGCCACACGA TTCCGTGTGGCCACCTGCCTCTCAA 69 TTCCGCATTGTGAGAAAAAACGAGC TGCTCGTTTTTTCTCACAATGCGGA TGGCGGTTTCCGTAGCTATAGGTGC TGGCGGTTTCCGTAGCTATAGGTGC TGCCGTGGCTACGGAAACTCCC TGGTGAAAATTTCGTAGCCACGGGC TGCCCGTGGCTACGAAATTTCACC TCCGACGGAGGATGAAGACAATCAC TGTGATTGTCTTCATCCTCCGTCGG TCCGACGGAGGATGAAGACAATCAC TGTGATTGTCTTCATCCTCCGTCGG TGCCACTTTGGCCCAAAA TTTTTGGCGCACTGCCCAAACTGGCCCAAACTGG TCCGACTTTAGGCCCGCCACAG TCTGTGCCCACAGGCCTAATAGATCC TGGATCTATTAGGCCGTGCGCACAG TCTGTGCGCACGGCCTAATAGATCC TGGATCTATTAGGCCGTGCCCAAA TTTAGGGACGAGCAGGATTTGCGAT TCAGGATGTCACCGTTTGGACTTTCA TTAGGGACGAGCAGGATTTGCATT TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TATCGCAAATCCTGCTCCCTAA TTTAGGGACGAGCAGGATTTGCATC TCAGCTGCAAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCATACCTATCAACGGGCGCCCATC TTAGAGAATCGCCGGCAATCTGCTA TTAGCAGGACGCCGGCACCTTCCATCA TTAGCAGAACTCCCCGCAAGTTCCCAT TATGAGAAATCGCCGGCAATCTGCTA TTAGCAGGACCTGCGGCAATTCCCAT TACAGGGAGAACGGTTAAGTTCCCGT TCACCACACTTCCCCTG TCACCACACTCCCCGGCCTTCCCTG TCACCACACTTCCCCTG TCACCACACTCCCCGGCCTTCCCTG TCACCACACTTCCCCTG TCACCACACTCCCCGGCCTTCCCTG TCACCACACTCCCCGGCCTTCCCTG TCACCACACTCCCCGGCCTTCCCTG TCACCACACTCCCCGGCCTTCCCTG TCACCACACCTCCCGGCCTTTCCCTT TCACGAGCCTGCGGCTTCCCCTG TCACCACACTCCCCGGCCTTCCCCTG TCACCACACTCCCCGGCCTTCCCCTG TCACCACACCCCCGGCCTTTCCCCTG TCACCACACCCCCGCGCTTCCCCCGCCTTTCCCCTG TCACCACACCCCCGCGCTTCCACCA TTGATGGCACCCCGCAGCCCCTTCCACCACACCCCCGCCTTTCCCCTG TCACCACACCCCCGCGCCTTCCACCACCCCGCCCTTTCCCCTG TCACCACACCCCCACACCCCCACCCCCGCCCTTTCCCCTG TCACCACACCCCCACACCCCCCACCCCCCCCCC	66	TTAGGGCGATGGCACGAAGCTTCAA	TTTGAAGCTTCGTGCCATCGCCCTA
TICCGCATTGTGAGAAAAACGAGC TGCTCGTTTTTTCTCACAATGCGGA TGGCGGTTTCCGTAGCTATAGGTGC TGGCACCTATAGCTACGGAAACCGCC TGGCGGTTCCGTAGCTATAGGTGC TGGCACCTATAGCTACGAAAATTTCACC TGGTGAAAATTTCGTAGCCACGGGC TGCCCGTGGCTACGAAAATTTTCACC TCCGACGGAGGATGAAGACAATCAC TGTGATTGTCTTCATCCTCCGTCGG TCCGACGGAGGATGAAGACAATCAC TGTGATTGTCTTCATCCTCCGTCGG TCCGACGGAGGATTAGGCCACAGAAA TTTTTGGCGAATTGGGCCAAACTGG TGGATCTTCATTAGGCCGTCGCCACAG TCTGTGCGCACGGCCTAATAGATCC TGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACGGTGACATCCG TATCGCAAATCCTGCTCCCTAA TTTAGGGACGAGCAGGATTTGCGAT TCAGGGCATGCAATAATCGAGGTTC TCAGGGCATGCAATAATCGAGGTTC TCAGCCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGCTGCAGCTTGTAAGGTATGG TCCATACCTATCAACGGGCGCCATC TATGAGAATCGCCGGCAATCTGCTA TTAGCAGAATTGCCGGCGATTCTCAT TAGCAGAATTGCCGGCGATTCTCAT TAGCAGAATTGCCGGCGATTCTCAT TCAGGGAGAACGGTTAAGTTCCCGT TCACGAGCCTGCGGTCAGTCCCTGG TCACGAGCCTGCGGTCAGTCCCCTG TCACGAGCCTTCCCTGT TCACGAGCCTTCCCTGT TCACGAGACTTCCCCTGT TACCAAACTCCTCGATCGCCGGCCT TGCTCGCTATCACCGGCGCCTTTCCCTG TTACCAAACTCCTCGATCGCCGGCCTTTCCCTG TTACCAAACTCCTCGATCGCCGGCCTTTCCCTG TTACCAAACTCCTCGATCGCCGGCCTTTCCCTG TTACCAAACTCCTCGATCGCCGGCCTTTCCCTG TTACCAAACTCCTCGATCGCCGGCCTTTCCACC TTGATGGAAGGCCACCGGTTTCCACCTTTCCCTGCTG	67	TTGCATAGAGCCAAAGTCGGCGATG	TCATCGCCGACTTTGGCTCTATGCA
TGGCGGTTTCCGTAGCTATAGGTGC TGCCCGTGGCTACGGAAACCGCC TGCCGTGGCTACGAAATTTCACC TGGTGAAAATTTCGTAGCCACGGGC TGCCCGTGGCTACGAAATTTCACC TCCGACGGAGGATGAAGACAATCAC TGGATTGCTCACCCCAAAA TTTTTGGCGAATTGGCCCAAAA TTTTTGGCGAATTGGCCCAAAA TTTTTGGCGAATTGGGCCAAACTGG TGGATCTATTAGGCCGTGCGCACAG TCGGATGTCACCGTTTCA TTGGATCTATTAGGCCGTCCGCACAG TTGGCACAGCGCCTAATAGATCC TGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACGGTGACATCCG TATCGCAAATCCTGGTCCCTAA TTTAGGGACGAGGAGGATTTGCAGTT TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATCCCTG TCAGCGCAATCCACCACAG TCTTGGGCCCATATATCAACGCATG TCAGCTGCAGCTTGTACACCACCAC TGTGGTTGGTCACAAGCCTCGACCACCAC TGTGGTTGGTCACAAGCTCCACCACCAC TTTGATGTCTGCCGACCGGCGACC TGCTCGCCGCCGCCAGCCACCACCACCACCACCACCACCACCAC	68	TTTGAGAGGCAGGTGGCCACACGGA	TTCCGTGTGGCCACCTGCCTCTCAA
TGGTGAAAATTTCGTAGCCACGGGC TGCCCGTGGCTACGAAATTTTCACC TCCGACGGAGGATGAAGACAATCAC TGTGATTGTCTTCATCCTCCGTCGG TCCAGTTTGGCCCAAAA TTTTTGGCGAATTTGGCCAAAACTGG TCCAGTTTGGCCCAAAA TTTTTGGCGAATTTGGCCAAACTGG TGGATCTATTAGGCCGTGCGCACAG TCTGTGCGCACGGCCTAATAGATCC TGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACGGTGACATCCG TATCGCAAATCCTGCTCGTCCCTAA TTTAGGGACGAGGAGTTTGCGAT TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCATGCGTTGAAATCATGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCAGCGTTGATATATAGGGCCCAAG TCTTGGGCCCATATATCAACGCATG TTTGATGTTGCCGACCACCAC TGTGGTTGGTCACAAGCTGCAGCTG TTTGATGTCTGCCGACCGGCGACC TGGTCGCCGGTCGGCAGACATCAAA TTTTGAACTTGCCGACCGGCGACC TGCTCGCCGGTCGGCAGACATCAAA TTTTGAGAAATCCCCGGCAATCTGCTA TTAGCAGATTGCCGGCCATC TATTGAGAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGAAAT TCAGGGAGAACGGTTAAGTTCCCGT TCACGAGCCTGCGGTCAGTCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACCGAGCCTCCGGCCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACCGAGCCTCCGGCCGCCTT TACCACAACTCTCCATCA TATCGCACCGCAGGACTTTCCATCA TTACCAAACTCCTCGATCGCCGGCCT TTACCACACCTCCGACCGGCCCTTTCCCTG TCACCAACCTCCGAGCACCTTCCCTG TCACCAACCTCCGAGCCTTCCCCGACCTTTCCCCTG TCACCAACCTCCGAGCCTTCCCCCGACCCTTTCCCCTG TTGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGGCCTT TTGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC TTGTGCAACGCCGAGGACTTCCATCA TACCGGAACTCTCAGGCACCGA TTGAAATACCACACACACCACTTCCATCA TACCGGAACTCTCAGGCACCCGA TTGAAATACCACACACACCACTTCCATCA TACCGGCAGTCTTTCACCGACCCGA TTGAAATACCACACACACCACTTCCATCA TACCGAACCCTTTGCACCGACCCGA TTGAAATACCACACACACCACTTCCATCA TACCGAACTCCTCGGCTTTCACACCGACCCGA TTGAAATACCACACACACCACTTCCACA TTCCCCGCGCTTTTTTCA TCACGTTTCTAACGGCCCCGCATTCCACA TTCCCCGCGCCTTTAGAACACCTG TCACGTTTCTAACGGCCCCGCGTTAACCCTTTCCACCGCGCCCTTTAGAACACCTG TCACCTTTCCACCACCTTCCCCCCA TTCCCCGCGCCCTTTAGAACACCTG TCACCTTTCCACCACCTTCCCCCCA TTCCCCGCGCCCTTTAGAACACCTG TCACCTTTCCACCACCTTCCCCCCA TTCCCCGCGCCCTTTAGAACACCTG TCACCTTTCCACCTTCCCCCCCA TTCCCCGCCGCCCCTTTAGAACACCTG TCACCACAAAACCTACCCCCCCCCC	69	TTCCGCATTGTGAGAAAAAACGAGC	TGCTCGTTTTTTCTCACAATGCGGA
TCCGACGGAGGATGAAGACAATCAC TGTGATTGCTCTCCTCCGTCGG TCCAGTTTGGCCCAAAA TTTTTGGCGAATTGGCCAAAA TTTTTGGCGAATTGGCCAAAA TTTTTGGCGAATTGGCCAAAACTGG TGGATCTATTAGGCCGTGCGCACAG TCTGTGCGCACGGCCTAATAGATCC TCGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACGGTGACATCCG TCAGGGCATGCAATAATCGAGGTTC TCAGGGCATGCAATAATCGAGGTTC TCAGGGCATGCAATAATCGAGGTTC TCAGGCTTGATAATAGGGCCCAAG TCTTGGGCCCATATATTCAACGCATG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TGATGGCGCCCGTTGATAGGTATGG TCATACCTATCAACGGGCGCAACCAC TTTGTATGTCTGCCGACCGGCGGACC TGGTCGCCGGTCGGCAGACCATCAAA TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC TTAGCAGATTGCCGACTGTG TCACGAGCCTGCGGTCAGTAGTTCCAT TTAGCAGATTGCCGGCGAATTTCCAT TTAGCAGAATTGCCGGCGAATTTCCAT TACGGGAACACGCTTCCCTG TCACGAGCCTTCGATCACCGTGT TACCAAACTCCTCGATCGCCGGCCT TTACCAAACTCCTCGATCGCCGGCCT TTACCAAACTCCTCGATCGCCGGCCT TTACGGAAGACCACCCGTGT TTACCAAACTCCTCGATCGCCGGCCT TTACGGAAGCCCTGCGCTTCCATCA TTTGCACCGCGGCATTCCATCA TTGATGGAAGTCCTCCGGCTTGCAC TTGATGGAAGTCCTCGGCGTTGCAC TTGATGGAAGTCCTCGGCGTTGCAC TTCAGGATGGCTATCAGGCACCGA TTCGGTGCCTGATAGCCATTCCATCA TTTGCACCGCGCGTTGCAC TTCAGGAATGGCTATCAGGCACCGA TTCGGTGCCTGTACACACCGCACCG	70	TGGCGGTTTCCGTAGCTATAGGTGC	TGCACCTATAGCTACGGAAACCGCC
TCAGTTTGGCCCAATTCGCCAAAA TTTTTGGCGAATTGGGCCAAACTGG TGGATCTATTAGGCCGTGCGCACAG TCTGTGCGCACGGCCTAATAGATCC TCGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACGGTGACATCCG TATCGCAAATCCTGCTCGTCCCTAA TTAGGGACGACGAGCAGGATTTGCAATTTTTTTTTT	71	TGGTGAAAATTTCGTAGCCACGGGC	TGCCCGTGGCTACGAAATTTTCACC
TGGATCTATTAGGCCGTGCGCACAG TCTGTGCGCACGGCCTAATAGATCC TCGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACGGTGACATCCG TATCGCAAATCCTGCTCGTCCCTAA TTTAGGGACGAGAGAGAGAGTTTGCGAT TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCAGCGTTGATATATGGGCCCAAG TCTTGGGCCCATATATCAACGCATG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TTTGTATGTCTGCCGACCGGCGACC TGGTCGCCGGTCGGCAGACCATCAAA TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC TATGAGAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGATTCTCAT TACGGGAGACTTAACCGTTCCCTG TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCCCTG TACACGGTGGTCTCTGATAGCGACC TGGTCGCTATCAGAGACCCCCGGCCT TGCCAAACTCCTCGATCGCCGGCCT TTGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGGTTGCAC TTGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGGTTGCAC TTGATGGAAGTCCTCGGCGTTGCAC TTGATGGAAGTCCTCGGCGTTGCAC TTGATGGAAGTCCTCGGCGTTGCAC TTGATGGCACCCGAATTTCCA TTGATGGAAGTCCTCGGCGTTTCCAC TTGATGGAAGTCCTCGGCGTTTCCAC TTGATGGAAGTCCTCGGCGTTGCAC TTCAGTGCTGTACACCACACC	72	TCCGACGGAGGATGAAGACAATCAC	TGTGATTGTCTTCATCCTCCGTCGG
TCGGATGTCACCGTTTGGACTTTCA TTGAAAGTCCAAACGGTGACATCCG TATCGCAAATCCTGCTCGTCCTAA TTTAGGGACGAGCAGGATTTGCGAT TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCAGCGTTGATATATGGGCCCAAG TCTTGGGCCCATATATCAACGCATG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCACCACCACCACCACCACCACCACCACCACCACCAC	73	TCCAGTTTGGCCCAATTCGCCAAAA	TTTTTGGCGAATTGGGCCAAACTGG
TATCGCAAATCCTGCTCGTCCCTAA TTTAGGGACGAGCAGGATTTGCGAT TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCATGCGTTGATATATGGGCCCAAG TCTTGGGCCCATATATCAACGCATG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TTTGTATGTCTGCCGACCGGCGACC TGGTCGCGGTCGGCAGCATCAACAA TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC TATGAGAATCGCCGGCAATCTGCTA TATTTGCACTGACCGACGGCGACC TCAGGGAGACTTAACTTCCAT TCAGGGAGAACGGTTAAGTTCCCGT TCAGGGAACTTAACCGTTCCCTG TACGAGCCTCGGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGAGACTCTCGATCGCCGGCCTT TACGAACCTCCTCGATCGCCGGCTTGT TACCAAACTCCTCGATCGCCGGCTTGTTCCCTG TTGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCACC TTGATGGAAGTCCTCGGCGTTGCACC TTGATGGAAGTCCTCGGCGTTGCACC TTGATGGAAGTCCTCGGCGTTTCCACC TTGATGGAAGTCCTCGGCGTTTCCACC TTGATGGAAGTCCTCGGCGTTTCCACC TTGATGGAAGTCCTCGGCGTTTCCACC TTGATGGAAGTCCTCGGCGTTTCCACC TTGATGGAAGTCCTCGGCGTTTCCACC TTGATGGAATGCTATCAGCACCGA TTCGAAAAACCACACACCACCGCGA TTCGCGCGCGCGTTAGAACACTGC TCCCAATTGGCTGTTGCACCGGCG TCCCAATTGCCGCGCGCTTTAGAACACTG TCCAACACGCTGCCGCGCGTTAGAACACTG TCCAACACCTTCCACCT TACGGGCGCGCGCTTAGAACACTG TCCAACACCTTCCACCT TACGGGCGCGCGCTTAGAACACTG TCCAACACCTTCCACCT TACGGGCGCGCGCTTAGAACACTG TCCAACACACTGCCCGCG TCCGCGCGCGCTTAGAACACTG TCCGAAAAACTAGTGCCCCCCGCG TCCGCGCGCCACTCACTTTTTCCACCGCCGCCCCTTTTTTCCACCCGCCGCCCCTTTTTTCCACCCGCCGCCCCTTTCCAACCCCCCCGCCCCCCCC	74	TGGATCTATTAGGCCGTGCGCACAG	TCTGTGCGCACGGCCTAATAGATCC
TCAGGGCATGCAATAATCGAGGTTC TGAACCTCGATTATTGCATGCCCTG TCATGCGTTGATATATGGGCCCAAG TCTTGGGCCCATATATCAACGCATG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TCAGTGGCCCGGCAGACATACAA TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC TAGGAAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGATTCTCAT TATTTGCACTGACCGCAGGCTCGTG TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCTCCCTG TACACACCTCTCGATCGCCGGCCT TACACACTCCTCGATCGCCGGCCT TACACCGTGGTCATCACACCCTTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC TTGATGGAAGTCCTCGGCGTTGCAC TTCAGTGCCTGATAGCCACCGA TTCAGTGCCTGATAGCCATTCCATCA TTGATGGAATGGCTATCAGGCACCGA TTCAGTGTCTACACGACCCGA TTCACTGTTACACGCCCGCA TTCACTGTTCTACACGCCCGCA TTCACTGTTCTACACGCCCGCA TTCACTGTTCTACACGCCCGCGA TTCACTGTTCTACACGCCCCGCA TTCACTGTTCTACACGCCCCGCA TTCACTGTTCTACACGCCCCGCA TTCACTGTTCTACACGCCCCGCA TTCACTGTTCTACACGCCCCGCG TCCCAATTGCCCCCCGCTTAGAACACTG TCCACTGTTCTAACCGCCCCCCCT TAGAGTAGCCACCCTTCCATCA TTCACCGCCCCCCTTTAGAACACTG TCCACTGTTCTAACCGCCCCCCCCTTAGAACACTTG TCCACTGTTCTAACCGCCCCCCCCTTAGAACACTTG TCCACAAAACTAGTGGCCTCCCCCCCCCC	75	TCGGATGTCACCGTTTGGACTTTCA	TTGAAAGTCCAAACGGTGACATCCG
TCATGCGTTGATATATGGGCCCAAG TCTTGGGCCCATATATCAACGCATG TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGTCACAAGCTGCAGCTG 80 TTTGTATGTCTGCCGACCGGCGACC TGGTCGCCGGCGCGCACC 81 TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC 82 TATGAGAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGATTCTCAT 83 TATTTGCACTGACCGCAGGCTCGTG TCACGAGCCTGCGGTCAGTCAAAT 84 TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCTCCCTG 85 TAGGCCGGCGATCGAGGAGTTTGGT TACCAAACTCCTCGATCGCCGGCCT 86 TACACGGTGGTCTCTGATAGCGACC TGGTCGCTATCAGAGACCACCGTGT 87 TGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC 88 TTCGGTGCCTGATAGCCATTCCGAT TATCGGAATGGCTATCAGGCACCGA 89 TTGAAATACCACACAGCCAATTGGC TGCCAATTGGCTGTGTGTATTTCA 90 TGCATCGTGTACATGACTGCCGCGA TTCGCGCGCCCGTTACACCGATGC 91 TCAGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCCGTTAGAACACTG 92 TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACCGTGC 93 TCGAAAAACTAGTGGGCTCGCCGCG TCGCGGCGCCACTAGTTTTTCG			TTTAGGGACGAGCAGGATTTGCGAT
TCAGCTGCAGCTTGTGACCAACCAC TGTGGTTGGTCACAAGCTGCAGCTG TTTGTATGTCTGCCGACCGGCGACC TGGTCGCCGGTCGGCAGACATACAA TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC TATGAGAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGATTCTCAT TATTTGCACTGACCGCAGGCTCGTG TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCTCCCTG TACGCCGCGATCGAGGAGTTTGGT TACCAAACTCCTCGATCGCCGGCCT TACACGGTGGTCTCTGATAGCGACC TGGTCGCTATCAGAGACCACCGTGT TGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC TTCGGTGCCTGATAGCCATTCCGAT TATCGGAATGGCTATCAGGCACCGA TTGAAATACCACACACGCCAATTGGC TGCCAATTGGCTGTGTGTATTTCA TGCATCGTGTACATGACTGCCGCGA TCGCGGCGCTTAGAACACTG TCAGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCCGTTAGAACACTG TCAGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCCGTTAGAACACTG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCAAAAACTAGTGGGCTCCCCGCG TCGCGCGAGCCCACTAGTTTTTCCG TCGCGGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGAGCCCACTAGTTTTTCCG TCGCGCGCGCGCGCGCGCGCGCGCGCGCG	77	TCAGGGCATGCAATAATCGAGGTTC	TGAACCTCGATTATTGCATGCCCTG
TITGTATGTCTGCCGACCGGCGACC TGGTCGCCGGTCGGCAGACATACAA TGATGGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC TATGAGAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGATTCTCAT TAGCAGATTGCCGGCGATTCTCAT TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGACCGCAGGCTCGTG TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCTCCCTG TAGGCCGGCGATCGAGGAGTTTGGT TACCAAACTCCTCGATCGCCGGCCT TACACGGTGGTCTCTGATAGCGACC TGGTCGCTATCAGAGACCACCGTGT TGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC TTCGGTGCCTGATAGCCATTCCGAT TATCGGAATGGCTATCAGGCACCGA TTCAAATACCACACAGCCAATTGGC TGCCAATTGGCTGTGTGTATTTCA TGCATCGTGTACATGACTGCCGCGA TTCACGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCCCGTTAGAACACTG TCAGTGTTCTAACGGCGCGCGCGTGAA TTTCACGCGCGCGCCGTTAGAACACTG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCAAAAACTAGTGGGCTCGCCGCG TCGCGGCGAGCCCACTAGTTTTTCC	78		TCTTGGGCCCATATATCAACGCATG
TGATGCGCCCGTTGATAGGTATGG TCCATACCTATCAACGGGCGCCATC TATGAGAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGATTCTCAT TATTTGCACTGACCGCAGGCTCGTG TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCTCCCTG TAGGCCGGCGATCGAGGAGGTTTGGT TACCAAACTCCTCGATCGCCGGCCT TACGGGAGACCGCCTTGGT TACCAACTCCTCGATCGCCGGCCT TACGCGGCGATCGAGGAGTTTGGT TACCAAACTCCTCGATCGCCGGCCT TTAGCCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC TTGGTGCCTGATAGCCATTCCGAT TATCGGAATGGCTATCAGGCACCGA TTGAAATACCACACAGCCAATTGGC TGCCAATTGGCTGTGTGTATTTCA TGCATCGTGTACATGACTGCCGCGA TTCGCGGCAGTCATGACACGATGC TCAGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCCGTTAGAACACTG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCAAAAACTAGTGGGCTCGCCGCG TCGCGGCGAGCCCACTAGTTTTTCG		TCAGCTGCAGCTTGTGACCAACCAC	TGTGGTTGGTCACAAGCTGCAGCTG
TATGAGAATCGCCGGCAATCTGCTA TTAGCAGATTGCCGGCGATTCTCAT TATTTGCACTGACCGCAGGCTCGTG TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCTCCCTG TACGCCGCGCGATCGAGGAGTTTGGT TACCAAACTCCTCGATCGCCGGCCT TACACGGTGGTCTCTGATAGCGACC TGGTCGCTATCAGAGACCACCGTGT TGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC TTGAAATACCACACACCCAATTCCGAT TATCGGAATGGCTATCAGGCACCGA TTGAAATACCACACAGCCAATTGGC TGCCAATTGGCTGTGTGTATTTCA TGCATCGTGTACATGACTGCCGCGA TTCAGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCGCTTAGAACACTG TCAGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCGCTTAGAACACTG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGCAAAAACTAGTGGGCTCGCCGCG TCGCGGCGAGCCCACTAGTTTTTCG			TGGTCGCCGGTCGGCAGACATACAA
TATTTGCACTGACCGCAGGCTCGTG TCACGAGCCTGCGGTCAGTGCAAAT TCAGGGAGAACGGTTAAGTTCCCGT TACGGGAACTTAACCGTTCTCCCTG TAGGCCGGCGATCGAGGAGTTTGGT TACCAAACTCCTCGATCGCCGGCCT TACACGGTGGTCTCTGATAGCGACC TGGTCGCTATCAGAGACCACCGTGT TGTGCAACGCCGAGGACTTCCATCA TTGATGGAAGTCCTCGGCGTTGCAC TTCGGTGCCTGATAGCCATTCCGAT TATCGGAATGGCTATCAGGCACCGA TTGAAATACCACACAGCCAATTGGC TGCCAATTGGCTGTGTGTATTTCA TGCATCGTGTACATGACTGCCGCGA TTCGCGGCAGTCATGACACGATGC TCAGTGTTCTAACGGCGCGCGTGAA TTTCACGCGCGCCGTTAGAACACTG TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG TCGAAAAACTAGTGGGCTCGCCGCG TCGCGGCGAGCCCACTAGTTTTCG		TGATGGCGCCCGTTGATAGGTATGG	TCCATACCTATCAACGGGCGCCATC
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92 TCGCTTGCAACGTTGCACCTACTCT TAGAGTAGGTGCAACGTTGCAAGCG 93 TCGAAAAACTAGTGGGCTCGCCGCG TCGCGGCGAGCCCACTAGTTTTTCG			TTCGCGGCAGTCATGTACACGATGC
93 TCGAAAACTAGTGGGCTCGCCGCG TCGCGGCGAGCCCACTAGTTTTTCG		TCAGTGTTCTAACGGCGCGCGTGAA	TTTCACGCGCGCCGTTAGAACACTG
of a second seco		TCGCTTGCAACGTTGCACCTACTCT	TAGAGTAGGTGCAACGTTGCAAGCG
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	94	TCTTTCAGGGGAACTGCCGGAGTCG	TCGACTCCGGCAGTTCCCCTGAAAG

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TGTGAGACACACATCCCCTCCAATG TCATTGGAGGGGATGTGTGTCTCAC TCGACGGATGCAGAGTTCAGTGGTC TGCACGGATGCAGAGTTCAGTGGTC TGCACGCATGCCTGCAGCGTATTACAA TTTGTATACCGCCAGGCATGCGGG TTTAGCAAAGCGGCGCCGTTAGCAA TTTGTAATACCGCCAGGCATGCGGG TCCCGACACGGGGTCAGCGATATAAT TATTATTACCGTCACCCGTGTCGGG TCCCGACACGGGTCAGCGTAATAAT TATTATTACCGTCACCCGTGTCGGG TCCGACACGGGTCAGCGTAATAAT TATTATTACCGTCACCCGTGTCGGG TCCGACACGGGCCCTGAGGTATTGCTT TCACGACGACACCCGGTTAGCAA TATTATTACCGTCACCCGTGTCGGG TCCGACACGGCCCTGAGGATATAT TATTATTACCGCCACGGCCCTCGGGC TCAAAAGTGTGTTCCCTTGCGCTTG TCAAGCGCAAGGGAACACACTTTTG TCAAGCGCAAGGGAACACACCTTTTG TCAAGACCAAGCCCGGTTATTG TCAATACCCGTGGCCATGGAACT TATGCTAACCCGTTGGCCATGGAACT TATGCTCACACGGGCTTCGCAAGGACT TATGCTCACACGCGTTACACACTCCCGCAAG TCCTCCCCAAGGCCCTTGGAAGCACT TACTCCCCCAGAGGCACCCCGTTACCACCCCCACACACCCCTTGGAACACACCCCCACACACCCCACACACCCCACACACCCCCACA			
TCGACGATGCAGAGTTCAGTGGTC TGACCACTGAACTCTGCATCCGTCG TTCCCGCATGCCTGGCGGTATTACAA TTTGTAATACCGCCAGGCATGCGGG TTTCCCGACAAGCGGCGCCGTTAGCAA TTTGTAATACCGCCAGGCATGCGGG TTTCCCGACAAGCGGCGCCGTTAGCAA TTTGTAATACCGCTGAGCATGCGGG TCCCGACACGGGTCAGCGTAATAAT TATTAATTACGCTGAGCCCGTTTGCTAA TTTGTAACACTTCAGGGCCCCGTTTGCACTTG TCACAGACGCACAGCCCGTTATTGT TCACAGCGCAAGGGAACACACTTTTG TCAACACGTCAGGAACCCCGGTTATTGT TCAACACGCCAAGGGAACACACCTTTTCCAGCA TTCTCGAAGCACAGCCCCGGTTATTGT TCAATAACCGGCTAGCAACGACCTTCGCACAG TTCTCGAAGCACAGCCCCGGTTATTGT TCAATAACCGGCTACGAACACCTCCGCAAG TCTTCCGCAAGCGCTCCGAGGAACT TACGCTGGGCTAACACTCCCGCAAG TCCACTGCCTTTGCGCTTGGAACT TACGCTGGGCTAACACTCCCGCAAG TCCACTGCCTTTGCGCTTGGACCT TACGCTTAGCCGTTAGCCCAGGGGTT TACCCCTGGGCGCTCAGGAGGTT TACCCCTGGGCGCTAGGGGACT TACCCCTGGGCGCTAGGGACCT TACCCTCCGAGCGCCTAGGGACCT TACCCCTGGGCGCTAGGGACCT TACCCCTGGCGCAACACCTTCCCCAACGCCCTTGGCCAACACCCTTGCCTTTCAACACCCCCCCC	218	TCCCTAATGAGGCCAGTAACCTGCA	TTGCAGGTTACTGGCCTCATTAGGG
TITCCGCATGCCTGGCGGTATTACAA TITGTAATACCGCCAGGCATGCGGG TITTAGCAAAGCGGCGCCGTTTAGCAA TITTGCTAACGGCGCCCGTTTGCTAA TATTATTACGCTGAGCCCGTTTGCTAA TATTATTACGCTGAGCCCGTTTGCTAA TATTATTACGCTGACCCGTGCGGG TGCGACAGGGGTCAGCGTAATAAT TATTATTACGCTGACCCGTGCGGG TGCGCCCTTGCCCTTGCTTGCTTGCTTGC	219	TGTGAGACACACATCCCCTCCAATG	TCATTGGAGGGGATGTGTCTCAC
TITTAGCAAAGCGGCGCCGTTAGCAA TITGCTAACGCGCCCCTTTGCTAA TITGCTAACGCCGCCCCTTTGCTAA TITTATTACCCTGACCCGTGCGGG TICCCGACACGGGTCAGCTAATAAT TATTATTACCCTGACCCGTTCGGG TICCCGACACGGCCCCTGAGGTATGTCGTC TITCCGAAGCACCCCGTTATTG TCAAAACCTGGGACCCCGTTATTG TCAATAACCGGGCTCTGAGCACT TATTCTACCCTTGGCCTTG TCAATAACCGGGCTGAGGAACACCTTTTGAGAC TATTCTACACCGTTGGCCATTGGAACT TATTCCATGGCAACGCCCAGGGT TACCCCCGAGGGACACACCCCCGAAGGTTACCACACGGTTAGCACACGCTAGGAGCACACGTTTGAGAA TATTCCATGGCCAACGGCTCGAAGGAT TATTCCATGGCAACGCCCAACGGTTACCCCAACGGTTACCCAACGGTTAGCACACACGCTTGAGACACACCTCCGAAGG TAGCCAATACCTTTGAGTAAGCGATGG TACCCCTCGAGCGCCTAGGAGCACT TAGCCAATACCTTCAAGCACCC TAGCCGTATTTGACCACTAGCGCC TATGGCGCAACACGTTACTCCCAACGCCTTAGCGCCAACGGTTACCCCAACGGTTACCCCAACGGTTACCCCAACGGTTACCCCAACGGTTACCCCAACGGTTACCCCCAACGCCCTAGGGACCACACACA	220	TCGACGGATGCAGAGTTCAGTGGTC	TGACCACTGAACTCTGCATCCGTCG
TCCCGACACGGGTCAGCGTAATAAT TATTATTACGCTGACCCGTGTGGGG TGCACACGGCCCTGAGGTATGTCGTC TGACACACACCCCGGTTCGCTTG TCAAAAGTGTGTTCCCTTGCGCTTG TCAAGCGCAAGGGAACACACCTTTTG TCAATAACCGGGCTGTGCTTCCAGG TTCTCGAAGCACACCCCGGTTATTG TCAATAACCGGGCTGTGCTTCCAGA TATGCTAACCGTTGGCCTTG TCAATAACCGGGCTGTCTTCCAGAC TATGCTAACCGTTGGCCATGGAACT TAGTTCCATGGCCAACGGTTACCACT TAGTTCCATGCCAACGGTTACCACT TAGTTCCATGGCCAACGGTTACCACTCCGCAGAC TCCTCCCTAGGCGCTTGGACACT TACTCCTCCGAGCGCCTAGGAGCACT TACTCCTCCGAGCGCCTAGGAGCACT TACTCCTCCGAGCGCCTAGGAGCACT TACTCCTCCGAGCGCCTAGGAGCACT TACTCCTCCAGACGCCTTGGAAGCACACCTTACACACTCCCCAACG TCCAATGCCTTTGAGTAAGCGATGG TCCAATGCCTTTGAGTAAGCGATGG TCCAATGCCTTTGAGTAAGCGATGG TCCAATGCCTTTGAGTAAGCGACT TAGGCGCAACACGTTAATTGCCC TTAGGCGCAACACGTTAATTGCCC TCAGCACGAATTCCCGCAG TCCAGCGCAATTAACGCGAA TCCGCGTATTTGCGGAACTTCCTCCACACT TCTGCGTGCAACAACACTCCTCCGCAG TCCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCCCACGAC TCTGCTGGGACCTTGCTGTGCACCCACACACACACACACA	221	TCCCGCATGCCTGGCGGTATTACAA	TTTGTAATACCGCCAGGCATGCGGG
TGCGACGGCCTGAGGTATGTCGTC TGACGACATACCTCAGGGCCGTCGC TCAAAAGTGTGTTCCCTTGCGCTTG TCAAGCGCAAGGGAACACACTTTTG TCAATAACCGGGCTGTGTTTCGAGA TTCTCGAAGACACAGCCCGGTTATTG TCAATAACCGGGCTGTGCTTCGAGA TTTTCTGAACACACGCCCGGTTATTG TCAATAACCGGGCTGTGCTTCGAGA TATGCTAACCGTTGGCCATGGAACT TAGCTCACACGGTTAGCCATGGAACT TAGCTCCCTAGGCGCTCGGAGGAGT TACCCTCCGAGCGCCTAGACACTCCGCAAG TTCCATGCGTAGACACTCCGCAAG TCCAATGCCTTTGAGTAAGCGATGGTTACCCCCAATGACCCC TGCCGTTAGCTACCACTTGCCTTTGAGTAAGCACT TTTGACCATTACGTTTGCGCCCATTTTGAGTAAGCGCCTTAGGGACCTTATCTCCT TTTGACCATTACGTGTTGCGCCCATTTTGAGTAATGCTCATTTTGCTTCTTAGACACACCCCTAATGACCACTTTTTGAGTAACACTCCCCAAG TCTCCGGGAATTTCTGCTGTTTATTGCGGCAATTCCGCAAATACGCGAATTCCGCAAATACCGCAATTCCGCAAAGTTCCCGCAAGTTCTGCTGTTACTCAACAATTCCGCAAGTTCTCCGCAAGTTCTGCTGTGCACAAATACCGCAAGTTCTGCTGTGCACAAATACCGCAAGTTCTGCGCAACAAGTTCCCGCAAGTTCTGCTGTGCACCAAGAGTCCACAAGTTCCCGCAAGTTCTGCGGACACTACATCACCACAGTTCTTGCGGCACACAAGATTCCGCAAAAATACCGCAAGTTCTTGCGTGCACCAAGAAAAAACACTCCCCAAGTTCCCGCAAGTTCACACCACACAGTACACCACACACA	222	TTTAGCAAAGCGGCGCCGTTAGCAA	TTTGCTAACGGCGCCGCTTTGCTAA
TCAAAAGTGTGTTCCCTTGCGCTTG TCAAAACCGAAGGAACAACACTTTTG TCAATAACCGGGCTGTGCTTCAGAGA TTCTCGAAGCACAGCCCGGTTATTG TCAATAACCGGCTGGCTTGCTTCAGAGA TATGCTAACCGTTGGCCATGGAACT TAGTTCCATGGCCAACGGTTAGCACT TAGTTCCATGGCCAACGGTTAGCACT TAGTTCCATGGCCAACGGTTAGCACT TAGTTCCATGGCCCAACGGTTAGCCCAACGGTTAGCAT TCCAATGCTTTAGGCAACGGGTTACCCCAACGGTTAGCACACCCCCAACGACGACGACACCCTTGAGAGACCACCCAACGACTTAGAGCACTAGAGCACTAGACGCCTTGACACACCCCAACGACCACACACCCTAACGACCACCACCAACGACTACACACCCCAACGACCACCAACACCCTAAAGACCCCAACACCCTAAAGACCCCAACACCCTAAAGACCCCAACACCCTAAATACCCCAACCCCAACACACCTAATACCCCAACCCCAACACCCTAATACCCCAACCCCAACACCCTAATTGCCCAACCACCACCAACACCCTAATACCCCAACCCCAACACCCCAACACACCCTAATACCCCAACCCCAACACCCTAATTCCCCCAACCCAACACCCCAACACCCCAACACCCCAACACCCC	223	TCCCGACACGGGTCAGCGTAATAAT	TATTATTACGCTGACCCGTGTCGGG
TICTCGAAGCACAGCCCGGTTATTIG TCAATAACCGGGCTGTGCTTCGAGA 227 TATGCTAACCGTTGGCCATGGAACT TAGTTCCATGGCCAACGGTTAGCAT 228 TCTTGCGGAGTGTTAGCCCAGCGGT TACCGCTGGCCAACGGTTAGCAT 229 TTGCTCCCTAGGCGCTCGGAGGAGT TACCCCTCGGAGCGCCTAGGGAGCA 230 TCCAATGCCTTTGAGTAAGCGATGG TCCATCGCTTACTCAAAGGCATTGG 231 TAGCAGATAACGTCCCAATGACGCC TGGCGCTACTCAAAGGCATTGG 232 TTTGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA 233 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACCGCA 234 TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACCCAG 235 TTCTGGTGCCACGCAAGGTCCACAG TCTGTGGACCTTTGCACACGCAG 236 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCGGAG 237 TTTTTCGTGATTGCCGGAGGAGGC TGCCTCCTCCGGGGAATCACGAAAA 238 TTCGGGTGCAACAACGCTCCTTG TCCGGTAGCCCACAACACGTAATGGCCCAG 239 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGATTTTCGGTTGGCTCGC 240 TGCAAAGCCTTTGTGGGGCGGTACT TACTCCGCCCACAAAGGCTTTGC 241 TATTCGACCGGAAATGAGGTCTTCC TCAAGGACGTTTTCCGGTCGAAT 242 TTTCGCTTGCTGAGTTGCTCTGTTC TGCAACAGACCTCATTCCCGGAAT 243 TCGCGTGAAGACCCCATTCCCGAGT TACTCCGGCCCCACAAAGGCTTTTGC 244 TAACCGTTAATTGCGGGTCACTTGTTC TGCACAGGACACTCACTCCCGGAATACGCAAC 245 TGGGGCCAACCGCAACACGCCTTTCCTGTTC TGCACAGAGCCAACCGCAACGCAA	224	TGCGACGGCCCTGAGGTATGTCGTC	TGACGACATACCTCAGGGCCGTCGC
TATGCTAACCGTTGGCCATGGAACT TAGTTCCATGGCCAACGGTTAGCCATCGCAACGGTTAGCCATCCGCAACGGTTAGCCCTAGGGAGGTTAGCCCAACGGTTAGCCCAACGGTTAGCCCAACGGTTAGCCCAACGGTTAGCCCAACGGTTAGCCCAACGGTTAGCCCAACGGTTAGCCCAACGGCTCCGAAGGAGGATTACCTCCCGAACGCACGC	225	TCAAAAGTGTGTTCCCTTGCGCTTG	TCAAGCGCAAGGGAACACACTTTTG
TCTTGCGGAGTGTTAGCCCAGCGGT TACCGCTGGGCTAACACTCCGCAAG 229 TTGCTCCCTAGGCGCTCGGAGGAGT TACTCCTCCGAGCGCCTAGGGAGCA 230 TCCAATGCCTTTGAGTAAGCGATGG TCCATCGCTTACTCAAAGGCATTGG 231 TAGCAGATAACGTCCCAATGACGCC TGGCGTCATTGGGACGTTACTCGCT 232 TTTGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA 233 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA 234 TCTGCGTGCACACACATGTCCCGCAG TCTGCGGGACATTGTGACACCCAG 235 TTCTGGTGCCACCACAGGTCCACAG TCTGTGGACCTTGCGTGGCACCAGA 236 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGCCACCAG 237 TTTTTCGTGATTGCCGGAGGAGCC TCCGCAATTAAGTGCCCCGGAG 238 TTCGGGATGTAGCTGGGGCTACCGG TCCGCAATTAAGTGCCCCAGAAA 238 TTCGGGATGTAGCTGGGGCTACCGG TCCGCAATTAAGTGCCCCAGAAA 238 TTCGGGATGTAGCTGGGGCTACCGG TCCGCAATTAAGTGCCCCAGAAAC 239 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTTTGCGTTGGCTCG 240 TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGAGCTTTGC 241 TATTCGACCGGAAATGAGGTCTTCG TCGAAGAACCTCATTTCCGGTCGAAT 242 TTTCGCTTGCTGAGTTGCTCTGTT TGAACAGAGCAACTCAGCAAGCGAA 243 TCGCGTGAAGACCCCATTCCCGAGT TACTCCGGGAATGAGCGCAA 244 TAACCGTATTCGCGGTCACTTTGTG 245 TGGGGCCAACCGATTCCCGAGT TACTCGGGAATGGGTTTCACCCC 246 TTTCGGCTGGAGTCCAAACGGCTT TAAGCCCTCGAAACGGTTTGCCCCC 247 TGGGTGGAATGCACCTCTTGTGG TCCACAAGTGACCGCGAAATACGGTT 248 TGCGAGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 249 TACGCACGGGTAACGACTCAACCGCTTT 241 TGGGTTGGCACCCAAACACGGTT TAACCCCTCGAAACGGTTTCACCCC 242 TGGGTGGAATCACAAACAGGCTT TAACCCCTCGAAACGGTTTCACCCCC 243 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTTCACCCCC 244 TAACCGTTTTCGAGGCGTAT TATACGCCTCGAAACGGTTTCACCCCC 245 TGGGGCCAACCGATCAAACAGGCTT TAACCCCTCGAAACGGTTCTAACCACACCC 246 TTTCGGCTGGCAGTCCAAACGGCTT TAACCCCTCGAAACGGTTTCAACCACCC 247 TGGGTGGCAACTAGAAAACGG TTTCAACACACCCC 248 TGCGAGGACCGAACTAGAAACGG TTTCAACACACCCC 249 TACGCACCGTGAACTGGTAACTGCTGGGACAATTTTAACCCCCAACTTTCCAGCCGTTTAAACCACACCC 249 TACGCACCGTGAACTGCTGTGTGTTTTAACCCCCGCTTTCAACGCGCGTTAACCGCCGTTTAACCCCCGCTTTAAACGCGCCCTTCAACTGTTTGAACGACACTTTCACCCCGCTTTAACCCCCGCTTTAACCCCCGCTTAACCGCCGCTTAACCGCCGCTTAACCGCCGCTTAACCCCCTTTCAACGCCGCTTTAACCCCCGCTTTAACCCCCGCTTAACCCCCTTCCCCTTTCAACGCCGCTTTAACCCCCGCTTAACCCCCCCC	226	TTCTCGAAGCACAGCCCGGTTATTG	TCAATAACCGGGCTGTGCTTCGAGA
TIGCTCCCTAGGCGCTCGGAGGAGT TACTCCTCCGAGGCGCTAGGGAGCA TCCAATGCCTTTGAGTAAGCGATGG TCCATCGCTTACTCAAAGGCATTGG TAGCAGATAACGTCCCAATGACGCC TGGCGTCATTGGGACGTTACTCAA TAGCAGATAACGTCCCAATGACGCC TGGCGTCATTGGGACGTTATCTGCT TATGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA TCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA TCTGCGGTGCAACAATGCCCGCAG TCTGCGGGACATTGTTGACACGCAG TCTGCGGGACATTGTTGACACGCAG TCTCCGGGAGGTCCACAG TCTGCGGGACATTAAGTGACCCCGAG TCTCCGGGAGGTCCACAG TCTCCGGGAGGTCACAGA TCTCCGGGAGGTCACCAGA TCTCCGGGAGGTCACCAGA TTTTTTCGTGATTGCCCGGAGGAGC TCCCGCAATTAAGTGACCTCCGGAG TTTTTCGGTTGACCCCGGAGGAGC TCCCGCAATTAAGTGACCTCCCGAG TTTTTCGGTTAGCCCCGGAGGAGC TCCCGCAATTAAGTGACCTCCCGAG TTTTTCGGATTGCCCGGAGGAGC TCCCGGACATTCACGAAAA TCGGGATGTAGCCCGGAGGAGC TCCCGGACATCACCCAACACACACCTCCTTG TCAAGGACCTTTTGCGGTTGGCTCG TCAAGGACCTTTTTCCGGTTGGCTCG TACTAGGACCCACAAAGCCTTTTCCCGAGT TACTACCGCCCCCACAAAGGCTTTGC TGAACAGACCTTTTCCGGTCGAAT TACTACCGCCCCCACAAAGGCTTTGC TGAACAGACCTATTTCCGGTCGAAT TACTACCGCCCCCACAAAGGCTTTGC TGAACAGAGCAACTCAGCAAACGGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGAGGACCCCATTCCCGAGT TACTCGGGAATGAGGACCCCATTCCCGAGT TACTCGGGAATGAGGGTCTTCAGCGGAATACGGTT TACTCGGGAATGAGGACCCCCCCCCACAACGGTTTCCCGCG TTACACAGTGACCGCAAACCGGTTT TAACCGCTCGAAACGGTTT TAACCGCTCGAAACGGTTTTCACCCCCCCCCACAACGGTTGCCCCC TGGGGCCAACCGTTTCGAGGCGTAT TATACCGCTCGAAACGGTTTCAACCACCCC TGGGTGGGTAGAATGCACAACCGGTTTTTTTTTT	227	TATGCTAACCGTTGGCCATGGAACT	TAGTTCCATGGCCAACGGTTAGCAT
TCCAATGCCTTTGAGTAAGCGATGG 231 TAGCAGATAACGTCCCAATGACGCC TGGCGTCATTGGGACGTTATCTGCT 232 TTTGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA 233 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA 234 TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG 235 TTCTGGTGCCACGCAAGGTCCACAG TCTGCGGGACATTGTTGACACGCAG 236 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG 237 TTTTTCGTGATTGCCCGGAGGAGGC TGCCTCCCCGGGCAATCACGAAAA 238 TTCGGGATGTAGCCCGGAGGAGGC TCCGCTCCCCGGGCAATCACGAAAA 239 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACCTTGCTTGGCTCG 240 TGCAAAGCCTTTGTGGGGCCGTAGT TACTACCGCCCCACAAAAGGCTTTGC 241 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTCCCGAAT 242 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGACCAACTCAGCAAC 243 TCGCGTGAAGACCCCATTCCCGAGT TACTCCGGAATAGGGTCTTCACGCG 244 TAACCGTTTCCGGGTCACTTTGTGG TCCACAAGTGACCGCAATACAGGT 245 TGGGGCCAACCGTTCCGAGT TACTCCGGAATACGGTT 246 TTCGGCTGGGTCACTTGTGG TCCACAAGTGACCCCCCCACAAACGGTTTCACGCG 247 TGGGTCAGCGGTCCAAACGGCTT TAACCCCTCGAAACACGGTTGCCCC 248 TGCGAGGACCCCATTCCCGAGT TACTCCGAAACGGTTGGCCCC 248 TGCGAGGACCGAACTAGACACAACGGTT TAACCCGTTCGAACCGCCAAC 249 TACGCACGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACCCC 249 TACGCACGGTTAGAATGCACGAACGGTTC TACGCCGTCACTCCCGCAA 250 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAACCACCCC 249 TACGCACGCTTAACTGCTGGGACAA TTTTGTCCCGTTCACCCCC 249 TACGCACGCTTAACTGCTGGGACAA TTTTGTCCCCCTTTCAACCACCCC 249 TACGCACGCTTAACTGCTGGGACAA TTTTGTCCCCCTTTCAACCACCCC 250 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAACCACCCC 251 TATGCTGACATGCTGGGACCACATGTCAACC 252 TGGAGGTATAAGCGGACGCCCCAACTGTCAACC 253 TATGCTGACATGCTGGCACCTCGT TACGAGGTCCACGCGTTTAACCACAC 255 TGGAGGTATAAGCGGACGCCCCCAACGGACATTCCGCACCCC 256 TCCTTCCCCGCGGGAAACTTCTGTG TACCACGACCTTTTAACCACCACCC 257 TGTCTGCACCTCGCGTTCAACCGCTTCAACCGCGTTGAACCGCCTTTAACCACCC 256 TCCTTCCCCGCGGGAAACTTCTGTG TACCACGCGGTTGAACGACACTTCTAACCACCCC 256 TCCTATCCCGGCGGAAACTTCTGTG TACCACAGAGTTCTCGCCGGGGTTGAACGACCTTTCAACCACCCCCGCGGAAACTTCTGTG TACCACACCTTTTAACCACCACCCTTTTAACCACCACCTTTCAACCACC	228	TCTTGCGGAGTGTTAGCCCAGCGGT	TACCGCTGGGCTAACACTCCGCAAG
TAGCAGATAACGTCCCAATGACGCC TGGCGTCATTGGGACGTTATCTGCT TTTGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA TTTGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTCTGCGCAAATACGCGA TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG TCTCCGGGAGGTCCACAG TCTGCGGGACATTGTTGACACGCAG TCTCCGGGAGGTCCACAG TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG TTTTTCGTGATTGCCCGGAGGAGGC TGCCTCCTCCGGGCAATCACGCACAACACCGCCCCAGCTACACTCCCGAA TTTTTCGTGATTGCCCGGAGGAGGC TCCGCTACTCCCGGAGCAACACACCGCTCCTG TCAAGGACGTTTTGCGTTGGCTCG TCAAGGACGTTTTCCGTTGGCTCG TCAAGGACGTTTTCCGTTGGCTCG TTTTCGCTTGGTGAGTTGCTCTTGTTC TGAACACACCCCCCACAAAAGGCTTTTCC TTTCGCTTGCTGAGTTGCTCTGTTC TGAACACACCACTCCCGAATTCCCGAAT TCCCGTGAAGACCCCATTCCCGAGT TACTCCGGAAATGAGGTCTTCCCGAGT TACTCGGCAAATCAGGACACACCCCCACAAACGGTTCCCCCC TCACAAGTGACACCCCCACAACACGCAACACGCTTCCCCCCCC	229	TTGCTCCCTAGGCGCTCGGAGGAGT	TACTCCTCCGAGCGCCTAGGGAGCA
TITIGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACCGTAATGGTCAA 233 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA 234 TCTGCGTGCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG 235 TTCTGGTGCCACGCAAGGTCCACAG TCTGTGGACCTTGCGTGGCACCAGA 236 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCGGAG 237 TTTTTCGTGATTGCCCGGAGGAGGC TGCCTCCTCCGGGCAATCACGAAAA 238 TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA 239 TCGAGCCAACGCAAACACGTCCTTG TCAAAGACCTTTGCGTTGGCTCG 240 TGCAAAGCCTTTGTGGGGCCGTAGT TACTACCGCCCCACAAAAGGCTTTGC 241 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 242 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA 243 TCGCGTGAAGACCCCATTCCCGAGT TACTCCGGAATGAGGTCTTCACGCG 244 TAACCGTATTCGCGGTCACTTTGTGG TCCACAAGTGACCCCCAAAACGGTT 245 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGCCCCC 246 TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGAACCACACCC 247 TGGGTGGTTAGAATGCACGGTT TAAGCCGTTTGAACCACACCCC 248 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTACCACCCCC 249 TACGCACGCTGACCGAAGTTGCTG TCAGCAACTTCTAACCACACCC 249 TACGCACGCTGACCGAACTGCTG TCAGCAACTTCTAACCACCCCC 249 TACGCACGCTGACCGAACTGCTG TCAGCAACTTCTAACCACCCCC 250 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 251 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAACCACCCC 252 TGGAGGTATAAGCGGAGCGCCTCA TTGAGGCCGCTCCGCT	230	TCCAATGCCTTTGAGTAAGCGATGG	TCCATCGCTTACTCAAAGGCATTGG
TCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA TCTGCGGTGCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG TCTGCGGGACATTGTTGACACGCAG TCTCCGGGACATTAGTTGCGTGCACCAG TCTCCGGGACATTAATTGCGGTCCCCCGAG TCTCCGGGAGGTCACTTAATTGCGGTCCCCCGGAG TCTCCCGGAGGTCACTTAATTGCGGTCCCCCGGAG TCCCCCCCCCC	231	TAGCAGATAACGTCCCAATGACGCC	TGGCGTCATTGGGACGTTATCTGCT
TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG TCTCTGGTGCCACGCAAGGTCCACAG TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG TCCGCAATTAAGTGACCTCCCGGAG TCCGCAATTAAGTGACCTCCCGAG TCCGCAATTAAGTGACCTCCCGAG TCCGCAATTAAGTGACCTCCCGAG TCCGCAATTAAGTGACCTCCCGAG TCCGCAATTAAGTGACCTCCCGAG TCCGCAATTAAGTGACCTCCCGAG TCCGCAATTAAGTGACCCCCACAAAAA TCCGGCAACACACGTCCTTG TCAAGGACCTCAGTTTTCCCGAT TATTCGACCGGAAATGAGGTCTTCG TCCAACAGCCACACAAGGCTTTGC TCGAACACCCCCCCCACAAAGGCTTTGC TCGAACAGCCAATTCCCGGAT TACTCCGGCAATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TCCACAAGTGACCCCCACAAAGCGAA TACCCGTGAAGACCCCCATTCCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TCCACAAGTGACCGCGAAATACGGTT TAACCCCTCGAAACGGTTTGCCCGAAACGGTTTGCCCCC TCACAAGTGACCCCCACAACGGTTT TAACCCCTCGAAACGGTTTTCACCCCCCCACAACCGCTTTCACCCCCCCC	232	TTTGACCATTACGTGTTGCGCCCAT	TATGGGCGCAACACGTAATGGTCAA
TICTGGTGCCACGCAAGGTCCACAG TCTGTGGACCTTGCGTGGCACCAGA TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG TTTTTCGTGATTGCCCGGAGGAGGC TGCCTCCTCCGGGCAATCACGAAAA TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGGTCC TCAAGGACCTCATTTCCGGTCGAAT TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGATCAATTCCGGAAT TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCACTCAGCAAGCGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGAGGTCTTCACGAGT TACCGCGCAATACGGTT TACCGCGAAATGAGGTCTTCACGAGT TTTCGGCTTGCGGTCACTTTGTGGTTCACAAGTGACCGCGAATACGGTT TAACCGTATTCGCGGTCACTTTGTGGTTCACAAGTGACCGCGAATACGGTT TTTCGGCTGGCAGTCCAAACGGCTT TAACCCTCGAAACGGTTTCAGCCGCAACCGCTTTTCCGGCGAACCGCTTTTCAGCACACCCC TTTCGGCTGGCAGTCCAAACGGTTC TGAACCGTTTGGACTGCCACCCCC TTTCGGCTGGACACCGAATGCACGGTTC TGAACCGTGCATTCTAACCACCCC TTAAAAGGTCGCTTTGAAAGGGGGAATTCTAACCACCCC TTAAAAAGGTCGCTTTGAAAGGGGGAATTCTAACCACCCCCCCC	233	TTCGCGTATTTGCGGAATTCGTCTG	TCAGACGAATTCCGCAAATACGCGA
TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG TTTTTCGTGATTGCCCGGAGGAGGC TGCCTCCTCCGGGCAATCACGAAAA TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTTTTGCGTTGGCTCG TGCAAAGCCTTTGTGGGGCCGTAGT TACTACCGCCCCACAAAGGCTTTGC TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT TATTCGACCGGAAATGAGGTCTTCG TCGAACGCACCACAAAGGCTTTGC TTTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGGACACTCAGCAAGCGAAT TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TTAACCGTATTCGCGGTCACTTTGTGG TCCACAAGTGACCGCGAATACGGTT TATACGCCTCGAAACGGTTTCACGCG TTTCGGCTGGCAGTCCAAACGGCTT TAACCCCTCGAAACGGTTGGCCCC TTTCGGCTGGCAGTCCAAACGGCTT TAACCCGTTTTGAACGCCGCAA TTTCGGCTGGCAGTCCAAACGGCTT TGAACCGTGCATTCTAACCACACCC TTAAAAAGGTCGCTTTGAAATGCACGGTTC TCAGCAACTTCGGTCAACCGCGTCCCACCCCCCCCCC	234	TCTGCGTGTCAACAATGTCCCGCAG	TCTGCGGGACATTGTTGACACGCAG
TITITCGTGATTGCCCGGAGGAGGC TGCCTCCTCCGGCAATCACGAAAA 238 TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA 239 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG 240 TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC 241 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 242 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA 243 TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG 244 TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT 245 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 246 TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACCCCCAACCCC 248 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGGACCGCGCGAA 247 TGGGTTGGTTAGAATGCACGGTTC TGAACCGTGCATCTCACCCCC 248 TGCGAGGACCGAACTAGACAAACGG TCCGTTTTGTTTGTCTAGTTCGGTCCTCGC 249 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCCGGTCACCCCCCCCCC	235	TTCTGGTGCCACGCAAGGTCCACAG	TCTGTGGACCTTGCGTGGCACCAGA
TICGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA TCGAGCCAACGCAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT TATTCGACCGGAAATGAGGTCTTCG TCGAACAGAGCAACTCAGCAAGCGAA TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TACCCGGTAAGACCCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TACCCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCAAC TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTTAACCACACCC TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC TACCCACAGTTCCACACCGCTTTCAAACGGACCTTTTA TTGCGACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGACCA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGACCACCC TGGAGGTATAAGCGGAGCGG	236	TCTCCGGGAGGTCACTTAATTGCGG	TCCGCAATTAAGTGACCTCCCGGAG
TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG TGCAAAGCCTTTGTGGGGGCGGTAGT TACTACCGCCCACAAAGGCTTTGC TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGGAATGGGGTCTTCACGCG TACCCGGGAATCGGGT TACCCGGGAATGGGGTCTTCACGCG TACCCGGGAATCGGGTT TATACGCCTCGAAACGGTT TATACGCCTCGAAACGGTT TATACGCCTCGAAACGGTT TATACGCCTCGAAACGGTTGGCCCC TTTCGGGTGGAATGCACGCGTAT TATACGCCTCGAAACGGTTGGCCCC TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGAACCACCCC TGGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TTGAGGTGACATGTCACGCTTTAACCTCC TGGAGGTATAAGCGGAGCGCCTCA TTGAGGCCGCTCACTTGTCACGCTTTAACCTCC TTACGATCGCTAACTGCTGCACCTCGT TACGAGGTGCACACTGCTCCCT TACGAGGTGCACACTGTCACCACCACCTCCT TACGAGGTGCACACTGTCACCACCACCACCACCACCACCACCACCACCACCACCAC	237	TTTTCGTGATTGCCCGGAGGAGGC	TGCCTCCTCCGGGCAATCACGAAAA
TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA TGGGTGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC TGGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TGGAGGTATAAGCGGAGCGG	238	TTCGGGATGTAGCTGGGGCTACCGG	TCCGGTAGCCCCAGCTACATCCCGA
TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT TATACGCCTCGAAACGGTTT TATACGCCTCGAAACGGTTGGCCCC TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA TGGGTGTGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC TAAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TTGAGGCTGCACTCGCT TAAGAGGTGCACTCCC TTGAGGCCGCTCCGCT	239	TCGAGCCAACGCAAACACGTCCTTG	TCAAGGACGTGTTTGCGTTGGCTCG
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TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC TTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA TGGGTGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TTGAGGCCGCTCCGCT		TTTCGCTTGCTGAGTTGCTCTGTTC	TGAACAGAGCAACTCAGCAAGCGAA
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254 TTGTGGTTAAAGCGTCCGTTCAACG TCGTTGAACGGACGCTTTAACCACA 255 TCGTTCACACCGGCGTAAGCTGCGT TACGCAGCTTACGCCGGTGTGAACG 256 TCCTATCCCGGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 257 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC	-	TGGAGGTATAAGCGGAGCGGCCTCA	TTGAGGCCGCTCCGCTTATACCTCC
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256 TCCTATCCCGGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 257 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC			TCGTTGAACGGACGCTTTAACCACA
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	256	TCCTATCCCGGCGAGAACTTCTGTG	TCACAGAAGTTCTCGCCGGGATAGG
258 TGCACGAGTTGGTGCTCGGCAGATT TAATCTGCCGAGCACCAACTCGTGC	257	TGTCTGCACTCACGCAGCGGAGGGA	TTCCCTCCGCTGCGTGAGTGCAGAC
	258	TGCACGAGTTGGTGCTCGGCAGATT	TAATCTGCCGAGCACCAACTCGTGC

259	TAACGTCGCACGACACACGTTCGTC	TGACGAACGTGTGTCGTGCGACGTT
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272	TAGGCCGATTTCACCCGCCAATTGC	TGCAATTGGCGGGTGAAATCGGCCT
273	TGAGCCCTCACTCCTTGCCCTTTGA	TTCAAAGGGCAAGGAGTGAGGGCTC
274	TGGGTGGACATCCGCCTCGCAGTCA	TTGACTGCGAGGCGGATGTCCACCC
275	TGATGGCTGAGAACCGTGCTACGAT	TATCGTAGCACGGTTCTCAGCCATC
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280	TAACGCCTGTTCAGAGCATCAGCGG	TCCGCTGATGCTCTGAACAGGCGTT
281	TAAGGCTCAACACGCCTATGTGCGC	TGCGCACATAGGCGTGTTGAGCCTT
282	TAGTCCGTGTTGCCAGATTGGCTCG	TCGAGCCAATCTGGCAACACGGACT
283	TATGTCCCATGTAAAGACGCGTGTG	TCACACGCGTCTTTACATGGGACAT
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6 TTTGCAACGGGTGGTCAACGTCAA 7 TCGCATAGGTTGCCGATTTCGTCAA 7 TCGCATAGGTTGCCGATTTCGTCAA 7 TCGCATAGGTTGCCGATTTCGTCAA 306 TGCTTCCCGATGAACGGGATGGTTG 307 TCCCTCCATGTTCTTCGAACGGTTT 7 TCAACCATCCCGTTCATCCCGGAAGC 308 TTTGATGGGCGCAATGCTCTTGCT 308 TTTGATGGGCGCAATGCCCTTTGCT 309 TATTGTGAAGTGCGCCAAATTCCCC 309 TATTGTGAAGTGCGCCAAATTCCCC 300 TATTGTGAAGTGCGCCAAATTCCCC 310 TTCAGCACAGCCAGACGGTCAACTT 311 TACTCCACTCCTCGGTGGCAACTA 312 TTCTGGGCATGCCTCGGTGGCAACTA 313 TTCTCAACTCCCGGTGGCAACACA 314 TTTGCGTGGCATGCCCACACACACACACACACACACACAC	302	TCGAGAAGATGCCTCACGCAACCAA	TTTGGTTGCGTGAGGCATCTTCTCG
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308 TITGATGGCGGCAATGCTCTTGCT TAGCAAGAGCATTGCCGCCCATCAA 309 TATTGTGAGATGCGCCAAATTCCCC TGGGGAATTTGCGGCCATCTACAAT 310 TTCAGCACAGCCAGACGGTCAACTT TAAGTTGACCGTCTGGCTGACTT 311 TACTCCACTCCTGGGTGGCAACTA TTAGTTTGCCACCGAGGAGTGGAGT	306	TGCTTCCGGATGAACGGGATGGTTG	TCAACCATCCCGTTCATCCGGAAGC
309 TATTGTGAGATGCGCCAAATTCCCC TGGGGAATTTGGCGCATCTCACAAT 310 TTCAGCACAGCCAGACGGTCAACTT TAAGTTGACCGCTCTGGCTGTGCTGA 311 TACTCCACTCCTCGGTGGCAAACTA TTAGTTTGCCACCGAGGAGTGGAGT	307	TCCCTCCATGTTCTTCGAACGGTTT	TAAACCGTTCGAAGAACATGGAGGG
310 TTCAGCACAGCCAGACGTCAACTT TAAGTTGACCGTCTGGCTGACTGA 311 TACTCCACTCCTCGGTGGCAAACTA TTAGTTTGCCACCGAGGAGTGGAGT	308	TTTGATGGGCGGCAATGCTCTTGCT	TAGCAAGAGCATTGCCGCCCATCAA
311 TACTCCACTCCTCGGTGGCAAACTA 312 TTCTGGGCATGCCTGGACGGAGGAGCG 313 TTCTCAACTCCGGTACGACGAGAACA 314 TTTGCGTGGCTCAAAGGCGCAACGTG 315 TAGACAGCGATCCCGGGGCTCATGAT 316 TCGCGTCTCAACGCGGATCGCCGAA 317 TAGACAGCGATCCGCGGCTCATGAT 318 TGAGCAGCGACATCAGGT TCACGTTCAGTCAGACACGCAA 319 TTGATCCAACTCGGGACATTCAG 310 TTGATCCATATTGCGGACATTCAG 311 TGATCAATTGCGGACATTCAG 311 TGATCAATTGCGGACATTCAG 312 TAGACAGCGACATTCAG TCTGAATGTCCGTACATGTGCGCCT 313 TGATCAATTGTCGGACATTCAG 314 TTGACCACCGACGTGCCACTCATC 315 TAGACAGCGACATTCAG TCTGAATGTCCGTACATGTGCGCCT 316 TCGCGTCTTAACTGAGAGCACCCA 317 TAGGCGCACATGTACGGACATTCAG 319 TTGATCCATATTGTCGGACCTTGCG 320 TACCTGCCGGGAGTTCATAGGCTAGC 321 TAGCATTGGCGGTTTTCCGCAACGA 322 TGGTAAATATTCAGCGACATTGCG 322 TGGTAAATATTCAGCCGCACCGCTCA 322 TGGTAAATATTCAGCCGCACCGCTCA 323 TATAGCGTACGACGACGACGCCCCACTACTC 324 TTAGGTCACGACGACGACGCCCCCACTACCTCGTCGTACGCCTAT 325 TACTGCCCGTACCTCTGGTTTGACCCTA 326 TCCTTTGGCCTGAAGTTGTCGC TGCCAGAACCAGAGGTACCGCCATT 327 TGTGCCCCACGAGCGTCACCTCTGGTCACCCTCGTCGACCCTCA 328 TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAACGCCAACGG 327 TGTGCCCCACGAGCGTATCGTTGTA 328 TAGGCGTACCTCTGGTTCTGCC TGCCAGAACCAACGCCCAAAGG 329 TGGGCCTACCATCGGTGGACCAA 328 TACGCCCTAACGTTGCATTAGCC TGCCAGAACCAACGCCCCTAGCCCCT 329 TGGCCCCACCGAGCGTATCGTTGTA 320 TACCACCGCCCATGCACTTCAGTTCACCACACGCCCACGTAGCCCCT 331 TCCATGATGCATTAGTCCG TCGCCAAACGCCCACATGCACCCC 332 TACGCCCCACCGAGCGTACCTTTAACCCAAC 333 TACCACGCCCACAGGGCCCACCTTAACCCAACGCCCACATGCACCCC 334 TCCATGATGCATTAGGCCCAACGTTCAACCAACGCCCACAGGGTACCCCCCCC	309	TATTGTGAGATGCGCCAAATTCCCC	TGGGGAATTTGGCGCATCTCACAAT
TICTGGGCATGCCTGGACGAGACG TIGTTTCGTCCAGGCATGCCCAGA TIGTTCCAGCTCCAGGCATGCCCAGA TIGTTCGTCCAGGCATGCCCAGA TIGTTCGTCCAGGCATGCCCAGA TIGTTCGTCTTCCAGGCATTGCAGA TIGTTCGCTTCCAGGCATTGCAGA TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGCT TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGCT TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGCT TAGACAGCGACCTCAGAT TAGACAGCGACCTCAGAT TAGACAGCGACATGTACGGACATTCAG TCGAATGTCCGTACATGTGCGCCT TAGATGAGTGCCACTCATCAG TCGAATGTCCGTACATGTGCGCCT TTGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA TCACCTCCGGCAGAGTTCATAGGCTAG TCACCTCCGGCACATTCAGCCACAA TCACCTCCGGCACATTCAGCCACAA TCACCTCCGGCACATTCACCCACAA TCACCTCCCGGCAGACTCCACTCACACAACACCCCACACGCCCCACACACCCCCCCC	310	TTCAGCACAGCCAGACGGTCAACTT	TAAGTTGACCGTCTGGCTGTGCTGA
313 TICTCAACTCCGGTACGACGAACA 314 TITGCGTGGTCAAGGCGCACGTG TCACGTTGCCCACGCAA 315 TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGTCT 316 TCGCGTCTCTAACTGAGAGCAGCCA TTGGCTGCTCTCAGTTAGAGACCGG 317 TAGGCGCACATGTACGGACATTCAG TCTGAATGTCCGTACATGTGCGCCT 318 TGATGAGTGCCACGTGGTGTAA TTTACACACCGACGTGCCACTCATC 319 TTGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACATATGGATCA 320 TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATCAGTTAGACTCCCGGCAGGT 321 TAGCATTGGCGTTTTTCCGCAACGA TCGTTGCGGCCACTCATC 322 TGGTAATATTCAGCGCGACCGCTCA TTGAGCCTATGAACTCCCGGCAGGT 323 TATAGCGTACGACGACGCTCA TTGAGCGTCGCGCTGAATATTACC 323 TATAGCGTACGACGACGCTCA TTGAGCGGTCGCCACTATT 324 TTAGGTCACGACGACGCTCA TTGAGCGTCAACCCCTATC 325 TACTGCCCGTACGTTTGACGCTA TTAGCGTCAAACGCACTCGTCGTCACCTAT 326 TCCTTTGGCCTGAAGTTGCGTTCTGGC TGCCAGAACCAACGACGACCAACGAGGTACGCACTA 327 TGTGCCCCACGAACGTTCCGTCTTGGC TGCCAGAACCAACGATCCTCAGGCCAAAGG 328 TACTGCCCGTACGTTCTGGC TGCCAGAACCAACCTCAGGCCAAAGG 327 TGTGCCCCACAGAGTTCCTTGGTTCTGAC 328 TAGGCGTACGTGGGCCTGAACCCAACGATCCTCGTCGGGCCAAAGG 329 TGGGCCCCACAGAGGTACCGTTGTA TTACAACGAATCCCCTGGTGGGCCCC 330 TACCACGCGCGTACCTTGGACCAA TTTGCTCCAGGCCCACCGTAGCGCCT 331 TCCATGATGCATTGCATTAGTCCG TCGGACTAATGCAATCGATCAATGCACCCC 332 TGGTCCGCCCTACGAAACGTTCGA TCTCAGGCCCAAATGCAACCAACGGGTACCGCGCGTGGT 331 TCCATGATGCATTGGATTAGTCCG TCGGACCAATGCAACCAACTCATGGGTACCACCC 333 TCCGTGGGCCCTACGAAACGTTCGA TCTCAGACCCAATGCATCATGGG 331 TCCATGATGCATTGGATTAG TCTAAATGCACCCAATGCATCATGG 332 TGGTCCGGCCCTACGAAACGTTCGA TCCAACGAATCTCCAGCCACACGG 333 TCCGTGTGGCCCAACGAACGTTCGA TTCAACCGAATCTCCAGCCACACGG 334 TGTTAGGCCCACCAGGACTTAGGATC TCCAGCAACCTAACCGACCCCAACGGG 335 TGCCCGACGACCATATTGGCACA TTGTGCCCAACACGGCCCAACCGG 336 TGCCGTGAAGTCGAATCGATCAGGTA TTCACACGAATCTCCAGCCACCACGGC 337 TGCCACCACCACGAGTCGATTCAGGTA TCCACCCAACCGCCCTAAC 338 TGCCACCACCACGAGTCCAATCAGGATCAACCGACCTGACTGA	311	TACTCCACTCCTCGGTGGCAAACTA	TTAGTTTGCCACCGAGGAGTGGAGT
314 TITGCGTGGTCAAAGGCGCAACGTG TCACGTTGCGCCTTTGACCACGCAA 315 TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGTCT 316 TCGCGTCTCTAACTGAGAGCAGCCA TTGGCTGCTCTCAGTTAGAGACGCG 317 TAGGCGCACATGTACGGACATTCAG TCTGAATGTCCGTACATTGGGCCCT 318 TGATGAGTGGCACGTCGGTGTAA TTTACACACCGACGTGCCACTCATC 319 TIGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA 320 TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT 321 TAGCATTGGCGTTTTTCCGCAACGA TCGTTGCGGCACATATTGACCCAACGGT 322 TGGTAATATTCAGCGCGACCGCTCA TTGAGCGTCGGAAAAACGCCAATGCT 323 TATAGCGTACGACGACGCGC TGCGGCTGAATATTACC 324 TTAGGCTACGACGAGGTGACCGCC TGCGCGTCAACCTATC 325 TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGCAGT 326 TCCTTTGGCCTGAAGTTGTCGTAGC TGCCAGAACCAGAGGTACGGCAGT 327 TGTGCCCCACGAGCGTATCGTTGAC 328 TAGGCGCTACGTCGGACAACTTCAGGCCAAAGG 327 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCCAC 328 TAGGCGCTACGTGGGCCTGAACCTTGTAT 329 TGGGTCACCATTGCATTAGTCCG TCGGACTAATGCACCCC 330 TACCACGCGCGTACCTTGGATCAGT 331 TCCATGATGCATTGACTTAG TCCAGACAACTTCAGGCCCACGTAGCCCT 332 TGGGTCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 333 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCCCGTGGT 331 TCCATGATGCATTGGGTGCATTTAG TCTCAGACCAACTTCAGGCCCACGCGGTGGT 331 TCCATGATGCATTGGGTGCATTTAG TCTCAAATGCACCCCATGCACCCC 333 TCCGTGTGGCTGGAGAATCGTTCGA TTCAAATGCACCCCAATGCATCATGG 332 TGGTCCGGCCCTACGAAACGTTCGA TTCAACACGAATCTCCAGCCACACGG 333 TCCGTGTGGCTGGAGATTCGTTGA TTCAACACGAATCTCCAGCCCCACACGG 334 TGTTAGGGCGACCATATTGGCACA TTGTCACCCAATGCATCATCGGCCCTAAC 335 TGGCCCGAGCGCATATTGGCACA TTGTCACCCAATGCATCACCCC 336 TGCCTGAAGTCGAATCGTTCGACT TCACACGAATCTCCAGCCCCTAAC 337 TGCCACCACCACGGCTTAGGATC TGATCCTAACCGACCTGACTGACCCC 338 TGGGTCAGTCAGGTGCGTTAAGGATC TGATCCTAACCGCACCTGACTGACCCC 336 TGCCGTGAAGTCGAATCGAGTACTACGGCC 337 TGCCACCACCCACGGCTACTGACTCAGGATCACCCC 338 TGCCACCACCCACTGACTGACTCACGGC 337 TGCCACCACCCACTGACTGACCCC 338 TGCCGTGAAGTCGAATCGAGTACTCACGGCC 339 TGCCCCCACTTAGGAGTC TTCACGGC 331 TGCCACCACCCCACTGACTGACTCACGGC 332 TGCCCCCACTTAGGGATCCCCTAAC 333 TGCCACCACCCACTGACTGACCCCAACCACGG 334 TGTTTTTTTCCCCTAATGGAGTACCCCCAACCACACGACTAACCTCCCCAACCTACCCCCAAC	312	TTCTGGGCATGCCTGGACGGAGACG	TCGTCTCCGTCCAGGCATGCCCAGA
TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGTCT TAGCCGTCTCTAACTGAGAGCAGCCA TITGGCTGCTCTCAGTTAGAGAGCAGCCG TTAGCCGCACATGTACGGACATTCAG TCGAATGTCCGTACATGTGCGCCT TTAGCCGCACATGTACGGACATTCAG TTACACACCGACGTGCCACTCATC TTACACACCGACGTGCCACTCATC TTACACACCGACGTGCCACTCATC TTACACACCGACGTGCCACTCATC TTACACACCGACGTGCCACTCATC TTACACACCGACGTGCCACTCATC TTACACACCGACGTGCCACTCATC TTACACACCGACGTTCCACTC TCGAACGTCCGACACTTCAGCCTCATC TCGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TCACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TCGTTGCGGAAAAACGCCAATGCT TTAGCATTGCCCGAACGA TTCGTTGCGGAAAAACGCCAATGCT TTAGCATTCAGCCGCACCGC TTGAGCGGCTCACCTCTGTTTTCCGCAACGA TTAGCGTACACGACGCCCCTCA TTAGCGTCACACGACGCCTCA TTAGCGTCACACGACGCCTCA TTAGCGTCACACGACGCTTCAGCCTA TTAGCGTCACACGCCCTCA TTAGCGTCAAACCCACCGCCTCA TTAGCGTCACACCCCTCTGGTTCTGGC TGCCCAGAACCCAGAGGTACCGCCACGTACCCCC TCCTTTGGCCCGAACGTTCCTTGGT TTACACCGACACCTTCAGGCCAACGCCCCCTCACCCCCCCC	313	TTCTCAACTCCGGTACGACGAAACA	TTGTTTCGTCGTACCGGAGTTGAGA
316 TCGCGTCTCTAACTGAGAGCAGCCA TTGGCTGCTCTCAGTTAGAGACGCG 317 TAGGCGCACATGTACGGACATTCAG TCTGAATGTCCGTACATGTGCGCCT 318 TGATGAGTGGCACGTCGGTGGTAA TTTACACACCGACGTGCCACTCATC 319 TTGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA 320 TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT 321 TAGCATTGGCGTTTTTCCGCAACGA TCGTTGCGGAAAAACGCCAATGCT 322 TGGTAATATTCAGCGCGACCGCTCA TTGAGCGGCGCGCAATATTCAC 323 TATAGCGTACGACGACGCCCC TGCGCGTCGAATATTACC 324 TTAGGTCACGACGAGGTGACGCC TGCGCGTCACCTCGTCGTACCCTAT 325 TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCACGCATGCTAT 326 TCCTTTGGCCTGAAGTTGTCGTAGC TGCCAGAACCAGAGGTACGGCAGT 327 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGAACCATCCGGGCAACG 328 TAGGCGCTACCGTGGGCCTGGAGCAA TTTGCTCCAGGCCAAGGG 329 TGGGCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC 329 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCACCCCTGGTACCCCT 330 TACCACGCGCGTACCTTGGATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 331 TCCATGATGCATTGACTTAG TCTGAATGCACCAATGCATCATGG 332 TCCATGATGCATTGACTTAG TCTGAATGCACCCAATGCACCCC 333 TCCATGATGCATTGGTTCGATTAG TCTGAATGCACCCAATGCATCATGG 331 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 332 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGAATCTCCAGCCCACACGG 333 TCCGTGTGGCTGAGAATCGTTGA TTCAAACGCACCCAATGCATCATGG 334 TGTTAGGGCGCAAACGTTCGA TTCGAACGAATCTCCAGCCCCCAACCGG 335 TGGCCGGACCCAAACGTTCGA TTCGACCCCAACCGG 336 TGCCGTGAAGTCGAACGTTCGA TTCCACCCCAACCGG 337 TGCCACCACCGAGTGCGTTAGGATC TGATCCTAACGCACCTGACTGACCC 338 TGCCGTGAAGTCGAATTGGCACA TTGCACCCCAACCGG 337 TGCCACCACCCAGTGCATTCAGGAT TTCCATACGCACCTGACTGACCC 338 TGCCGTGAAGTCGAATTCAGGAT TTCCATACGCACCCCAACCGG 337 TGCCACCACCCAGTGCATTCAGGAT TTCCATACGCACCCCAACCGG 337 TGCCACCACCCAGTGCATTCAGGAC TTCCACGCCAACCACGGC 338 TGCCGTGAAGTCGAATTCAGGAC TTCCACGCCCAACCACCCCAACCCCAACCACCCCAACCCCAACCCCC	314	TTTGCGTGGTCAAAGGCGCAACGTG	TCACGTTGCGCCTTTGACCACGCAA
317 TAGGCGCACATGTACGGACATTCAG 318 TGATGAGTGCCACGTCGGTGTGTAA 319 TTGATCCATATTGCGACGTTGCG 320 TACCTGCCGGAGTTCATGTTCCGCACGATTCCCGCACGTCCGACATATTGGATCA 321 TAGCATTGGCGTTTTCCGCACGA 322 TGGTAATATTCAGCGCACCGCTCA 323 TATAGCGTACGACGACGCTCA 324 TTAGGCTACGACGACGCTCA 325 TACTGCCGGAGGTGCCACCGCTCA 326 TACTGCCGGACGGTGCCACCGCTCA 327 TAGGTCACGACGACGCCCTCA 327 TAGGCTACGACGACGCCCCTCA 328 TACTGCCCTACGACGACGCCCCTCA 329 TACTGCCCGTACCTCTGGTTCTGGC 320 TCCTTTGGCCTACCCTCTGGTTCTGGC 321 TACTGCCCCACGACGCTCA 322 TGGTAATATTCAGCGCACCGCC 323 TACTGCCCGTACCTCTGGTTCTGGC 324 TTAGGTCACGATGCGTTTTGACGCTA 325 TACTGCCCGTACCTCTGGTTCTGGC 326 TCCTTTGGCCTGAAGTTGTCGTAGC 327 TGTGCCCCACGAGCGTATCGTTGTA 328 TAGGCGCTACGTGGGCCCTGGAGCAA 329 TGGGTGCTACCATTGCATTAGTCCG 329 TGGGTGCTACCATTGCATTAGTCCG 330 TACCACGCGCGTACCGTTGAACCGAG 331 TCCATGATGCATTAGTCCG 332 TGGCTCACCATTGCATTAGTCCG 333 TCCATGATGCATTGGGTGCATTTAG 331 TCCATGATGCATTGGGTGCATTTAG 332 TGGTCCGCCCTACGAACCGTTCGA 333 TCCATGATGCATTGGGTGCATTTAG 334 TGTTAGGGCGCCCTACGAACCGTTCGA 335 TGGCCCGACCCTACGAACCGTTCGA 336 TGCCGGCCCTACGAACCGTTCGA 337 TGCCACCACCCAGGGCCTTAGGACCA 338 TGGTCAGGTGCGTTAGGATC 339 TGCCACCACCCAGTGCATTCAGGT 339 TGGTTGCCCCATTAGGGAGTAAC 339 TTGTTTGCCGCCATTAGGGAGCAACA 339 TGTTTTGCCGCCATTAGGGAGCAC 339 TGTTTTGCCGCCATTAGGGAGCACCCCTTAATGCCCCCAACCGCCCAACCCCCCCC	315	TAGACAGCGATCCGCGGCTCATGAT	TATCATGAGCCGCGGATCGCTGTCT
318 TGATGAGTGGCACGTCGGTGTAA 319 TTGATCCATATTGCGACGTTGCG 320 TACCTGCCGGGAGTTCATAGCTAG 321 TAGCATTGGCGTTTCCGCAACGA 322 TGGTAATATTCAGCGAACGTTCCGGAAAAAACGCCAATGCT 323 TATAGCGTAGGACGTTTCCGCAACGA 324 TTAGCGTACGACGACGCCCTCA 325 TACTGCCGGACGACGACGCCTCA 326 TACTGCCGTACCTTTGACGCTA 327 TACTGCCGTACCTTTGACGCTA 328 TACTGCCCGTACCTCTGGTTCTGGC 329 TGCTACACCTCTGGTTCTGGC 320 TGTGCCCCACGAGCTTCAGCCTA 321 TAGCTTAGCCTACCTCTGGTTCTGGC 322 TGCTACGACGACGCCCTC 323 TACTGCCCGTACCTCTGGTTCTGGC 324 TTAGCGTCAAACGCATCGTGACCTA 325 TACTGCCCGTACCTCTGGTTCTGGC 326 TCCTTTGGCCTGAAGTTGTCGTAGC 327 TGTGCCCCACGAGCGTATCGTTGTA 328 TAGGCGCTACCTCGGTGTCTGAC 329 TGGGTCCACCACGAGCCAACGCCCC 329 TGGGTCACCATTGCATTAGTCCG 329 TGGGTCACCATTGCATTAGTCCG 330 TACCACGCGCGTACCTTGGACAACGTACGCCCCT 331 TCCATGATGCATTGGATTAGT 331 TCCATGATGCATTGGATTAGT 332 TGGTCCGGCCCTACGAAACGTTCGA 333 TCCATGATGCATTGGATTCGA 334 TGTTAGGGCGACGAATTCGTGTAACCGAG 335 TGGTCCGGCCCTACGAAACGTTCGA 336 TGCCGTGAGAACCGTTCGA 337 TGCCACCACGGCCAATGCATTTAGCACTACCGCCCCTAAC 338 TGGTCAGGACGCATATTGCACACACGACCCC 339 TGCCACCACCCAATGCATTCGACCCC 330 TCCACGGCCCTACGAAACGTTCGA 331 TCCATGATGCATTAGGCACA 332 TGGTCCGGCCCTACGAAACGTTCGA 333 TCCGTGTGGCTGGAGATTCGTGTAACCGACCCCAATGCACCCCGGACC 334 TGTTAGGGCGACGCATATTGCACCA 335 TGCCACCACCCAATGCATTCAGGATC 336 TGCCACCACCCAATGCATTCAGGATC 337 TGCCACCACCCAGTGCATTCAGGAT 338 TGCCACCACCCAGTGCATTCAGGAT 338 TGCCACCACCCAGTGCATTCAGGAT 338 TGCCACCACCCAGTGCATTCAGGAT 339 TTGTTTGCCGCCATTAGGGAGATACC 339 TTGTTTGCCCCCATTAGGGAGTAACC 339 TTGTTTGCCGCCATTAGGGAGTAACC 340 TGTTAGCCCCCATTAGGCGCCAAACAACA	316	TCGCGTCTCTAACTGAGAGCAGCCA	TTGGCTGCTCTCAGTTAGAGACGCG
TIGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA TCGCAACGTCCGACAATATGGATCA TCACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TTAGCATATTCAGCCGCACCGCTCA TTGAGCGGTCGCGCTGAATATTACC TTAGCGTACACCACGACGCC TGCGCGTCACCTCGTCGTACCTAT TAGCGTCACACCACGCC TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCACACCTCGTTCTGGC TGCCAGAACCACGCATCGTGACCTA TTAGCGTCACACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGCAGT TCCTTTGGCCTGAAGTTGTCGTACC TGCCAGAACCACACGCATCGTGACCACCTC TGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCCAAAGG TCCTTTGGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCCCC TCGGACTAATGCAACGCCCCC TCGGACTAATGCAATGC	317	TAGGCGCACATGTACGGACATTCAG	TCTGAATGTCCGTACATGTGCGCCT
TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TAGCATTGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAAACGCCAATGCT TGGTAATATTCAGCGCGACCGCTCA TTGAGCGTCGCGCTGAATATTACC TTGAGCGTCACCTCGTCGTACCTATTAGCCTA TTAGCGTACGACGACGACGCCC TGCGCGTCACCTCGTCGTACCTATTAGCCTA TTAGCGTCACGATGCGTTTGACGCTA TTAGCGTCACGATGCGTTTGACGCTA TTAGCGTCACGATGCGTTTTGACGCTA TTAGCGTCACGATGCGTTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCACACCTCGTCGTACCTAT TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCAAACGCATCGTGACCTA TTACACGACAACCTCAGGCCAAAGG TCCTTTGGCCCGAAGGTTTCGTA TTACAACGATACGCTCGTGGGCCACAAGG TCCTTTGGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC TTTGCTCCAGGCCCACGTAGCGCCT TCGGACTAATGCAATGC	318	TGATGAGTGGCACGTCGGTGTGTAA	TTTACACACCGACGTGCCACTCATC
TAGCATTGCCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TGGTAATATTCAGCGCGACCGCTCA TTGAGCGTCGCGCTGAATATTACC TTAGCGTACGACGACGACGCCCTCA TTGAGCGTCGCCTGAATATTACC TTAGCGTCACGACGACGACGCCCTCA TTAGCGTCACCTCGTCGTCCTCATTAGCCCTA TTAGCGTCACGATGCGTTTGACGCCTA TTAGCGTCACCACCTCTGGTTCTGGC TGCCAGAACCCAGAGGTACGCGCAACGCACCTCA TCCTTTGGCCTGAAGTTGTCGTAGC TGCCAGAACCAGAGGTACGGCAACGGCAACGGCAACGGCAACGG TCCTTTGGCCTGAAGTTGTCGTAGC TGCCACGACACCTCAGGGCCAAAGG TCCTTTGGCCCGAAGCTATCGTTGTA TTACAACGATACGCTCGTGGGCCAAAGG TCCTTTGGCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCCCC TCGGACTAATGCAATGGACCCC TCGGACTAATGCAATGGAACCCCC TCCGGACTAATGCAATGGACACCCC TCCGGTTACACGTACGCCCCTTAGGATTAGTCCG TCCACAGACCCCAATGCATCATGG TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATTGGGTGCATTTAG TCCACACGCACCTGACACCGG TTCCGAACGTTTCGTAGGGCCCGAACCCTTCCAGCCCCCACACGG TTCCACCACCCACACGGTTCGAATGCATCTCCAGCCCCCACACCGG TTCCACCACCCACTGCATTCAGCCCCCTAAC TTGTTAGGGCGACCCCTAACCCCCCTTACCATTCGACCCCCTTACCTTCACGCCCCTTACCCCCCTTACCCCCCCTACCCCCCCC	319	TTGATCCATATTGTCGGACGTTGCG	TCGCAACGTCCGACAATATGGATCA
TGGTAATATTCAGCGCGACCGCTCA TTGAGCGGTCGCGTGAATATTACC TTAGGTCACGACGACGACGCGC TGCGCGTCACCTCGTCGTACGCTAT TTAGGTCACGATGCGTTTGACGCTA TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCACACGCGCTACCTCGTCGTCGTACCCTA TTAGCGTCACACGCACCACCTCGTCGACCTA TTAGCGTCACACCGCACCACCTCACCT	320	TACCTGCCGGGAGTTCATAGGCTAG	TCTAGCCTATGAACTCCCGGCAGGT
TATAGCGTACGACGAGGTGACGCGC TGCGCGTCACCTCGTCGTACGCTAT TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TTAGGTCACGATGCCTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG TCCTTTGGCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCAC TGGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCCGGACC TTCGGTTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATATGCGTCGCCCTAAC TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATTGCGTCGCCCTAAC TGGCTCAGTCAGGTGCGTTAGGATC TGATCCTAACGCACCTGACTGACCC TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCACTTCACGGC TGCCGTGAAGTCGAATCCAGGTA TTACCTGAATGCACTCACGGC TGCCGTGAAGTCGAATCCAGGTA TTACCTGAATGCACTGACTCCC TGCCACCACCCACCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGCC TGCCCGATGACCGCAAACTAAGCTC TGTTACTCCCTAATGGCGGCAAACTAAGCTC TTGTTTTTTCCCCCCAATTAGGGAGAACAACAACAACAACAACAACAACAACAACAACA	321	TAGCATTGGCGTTTTTCCGCAACGA	TTCGTTGCGGAAAAACGCCAATGCT
TRAGGICACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCAAACGCATCGTGACCTA TTAGCGTCAAACCGAACCTGGACCTA TCCTTTGGCCTGAAGTTGTCGTACC TGCCAGAACCAGAGGTACGGGCAGT TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC TTTGCTCCAGGCCCACGTAGCGCCT TCGGACTAATGCAATGC	322	TGGTAATATTCAGCGCGACCGCTCA	TTGAGCGGTCGCGCTGAATATTACC
TACTGCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT TCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC TTTGCTCCAGGCCCACGTAGCGCCT TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC TCCGGTTACACGTACGCGCGTGGT TCCATGATGCATTAGTCCG TCTACAATGCAATG	323	TATAGCGTACGACGAGGTGACGCGC	TGCGCGTCACCTCGTCGTACGCTAT
TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCAC TGGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCAC TTTGCTCCAGGCCCACGTAGCGCCT TCGGACTAATGCAATGGTAGCACCC TCCGGTTACACGTAGCACCCC TCCGGTTACACGTAGCACCCC TCCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATTCGTGTGA TCCGTGTGGCTGGAGATTCGTGTGA TCCACGAATCTCCAGCCACACGG TTCGAACGTTTCCAGCCACACCGG TTCGACCGAATCTCCAGCCACCCC TTCGATCCTAACCCCCTAAC TTCGATCGCCCCTAAC TTCGATCGCCCCTAAC TTCGATCTCCACCCCCTACC TTCGATCTCCACCCCCTACC TTCGATCTCCACCCCCTACC TTCGATCTCCACCCCCTACC TTCGATCTCCACCCCCTACC TTCGATCTCCACCCCCTACC TTCGATCTCCACCCCCTACC TTCGATCTCCACTCCCCCCTACC TTCGATCTCCACTCCCCCCCCCC	324	TTAGGTCACGATGCGTTTGACGCTA	TTAGCGTCAAACGCATCGTGACCTA
TGTGCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC TCGGACTAATGCAATGGTAGCACCC TCCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAGTCGAAATGCACCCAATGCATCATGG TCCATGATGCATTGGGTGCATTTAGTCGAAACGTTCGTAGGGCCGAACCCAATGCATCATGG TCCATGATGCATTGGGTGCATTTAGTCGAACGTTTCGTAGGGCCGGACCCAGGGCCCTACGAAACGTTCGAACTTCGTAGGGCCGGACCCAGGGCCCTACGAGAACGTTCGAACTCCAGCCACACGGGACCCAGGGACCCAGGGACCCAGGGACCCAGGGACCCAGGGACCCAGGAACGTTAGGGCCGACCCTAACCAGGCACCAGGAACGTCAGGAACGTTAGGATCAGGAACCCCTGACTGA	325	TACTGCCCGTACCTCTGGTTCTGGC	TGCCAGAACCAGAGGTACGGGCAGT
TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG TCCATGATGCCTACGAAACGTTCGA TCCGTGTGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGACCC TCCGGCCCTACGAAACGTTCGA TTCACACGAATCTCCAGCCACACGG TTCACACGAATCTCCAGCCACACGG TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATATGCGTCGCCCTAAC TGCCGTGAAGTCGAATGCAGATC TGATCCTAACGCACCTGACTGACCC TGCCGTGAAGTCGAATGCAGATCAGAT	326	TCCTTTGGCCTGAAGTTGTCGTAGC	TGCTACGACAACTTCAGGCCAAAGG
TGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG TCCATGATGCATCATGG TCCATGATGCATTGGGTGCATTTAG TCCATGATGCATCATGG TCCATGATGCACCCAATGCATCATGG TCCATGATGCTTCGAAACGTTCGAAACGTTTCGTAGGGCCGGACC TCCGTGTGGCTGGAGATTCGTGTAATCACACGAATCTCCAGCCACACGG TTCACACGAATCTCCAGCCACACGG TTCACACGAATCTCCAGCCACACCGG TTCACACGAATCTCCAGCCCCTAAC TTGTGCCAATATGCGTCGCCCTAAC TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCATTCGACTTCACGGC TGCCGTGAAGTCGAATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC TGCCCCACACCCAGTGCATTCAGGTC TGCCCCACACCCAGTGCATTCAGGTC TTACCTGAATGCACTGGGTGGTCCC TGCCCGATGACCGCAAACTAAGCTC TTGTTTGCCGCCCATTAGGGAGTAAC TTGTTTGCCGCCCATTAGGGAGTAAC	327	TGTGCCCCACGAGCGTATCGTTGTA	TTACAACGATACGCTCGTGGGGCAC
TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG TGGTCCGGCCCTACGAAACGTTCGA TCCGTGTGGCTGGAGATTCGTGGA TCCGTGTGGCTGGAGATTCGTGGA TCCGTGTGGCTGGAGATTCGTGA TTCACACGAATCTCCAGCCACACGG TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATATTGCGTCGCCCTAAC TGGGTCAGTCAGGTGCGTTAGGATC TGATCCTAACGCACCTGACTGACCC TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCATTCGACTTCACGGC TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC TGATCTGAATGCACTGGGC TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTCCC TGCCCGATGACCGCAAACTAAGCTC TGTTTTGCCGCCCATTAGGGAGTAAC TGTTTACTCCCTAATGGCGGCAAACTAACCACACACACAC	328	TAGGCGCTACGTGGGCCTGGAGCAA	TTTGCTCCAGGCCCACGTAGCGCCT
TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG TGGTCCGGCCCTACGAAACGTTCGA TCGAACGTTTCGTAGGGCCGGACC TCGTGTGGCTGGAGATCGTGTGA TCCGTGTGGCTGGAGATCGTGTGA TTCACACGAATCTCCAGCCACACGG TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATATGCGTCGCCCTAAC TGGGTCAGTCAGGTGCGTTAGGATC TGATCCTAACGCACCTGACTGACCC TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCATTCACGGC TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC TGAGCTTAGTTTGCGGTCATTCAGGCC TGCCCGATGACCGCAAACTAAGCTC TGTTTTGCCGCCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACTA		TGGGTGCTACCATTGCATTAGTCCG	TCGGACTAATGCAATGGTAGCACCC
TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG TGTTAGGGCCGACGCATATTGGCACA TTGTGCCAATATGCGTCGCCCTAAC TGGGTCAGTCAGGTGCGTTAGGATC TGATCCTAACGCACCTGACTGACCC TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCATTCGACTTCACGGC TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC TGATCTGCATTCGACTTCACGGC TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC TGATCTGAATGCACTGGGTGGTGGC TGCCCGATGACCGCAAACTAAGCTC TGTTTGCCGCCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACA		TACCACGCGCGTACGTGTAACCGAG	TCTCGGTTACACGTACGCGCGTGGT
TCGTGTGGCTGGAGATTCGTGTA TTCACACGAATCTCCAGCCACACGG TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATATGCGTCGCCCTAAC TGGGTCAGTCAGGTGCGTTAGGATC TGCCGTGAAGTCGAATGCAGATCGA TTGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGCC TGAGCTTAGTTTGCGGTCATTCAGGTA TTACCTGAATGCACTGGGTGGCC TGAGCTTAGTTTGCGGTCATTCAGGTA TTACCTGAATGCACTGGGTGGTCC TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACTAAGCTC		TCCATGATGCATTGGGTGCATTTAG	TCTAAATGCACCCAATGCATCATGG
334 TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATATGCGTCGCCCTAAC 335 TGGGTCAGTCAGGTGCGTTAGGATC TGATCCTAACGCACCTGACTGACCC 336 TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCATTCGACTTCACGGC 337 TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC 338 TGAGCTTAGTTTGCGGTCATCGGGC TGCCCGATGACCGCAAACTAAGCTC 339 TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACA		TGGTCCGGCCCTACGAAACGTTCGA	TTCGAACGTTTCGTAGGGCCGGACC
TGGGTCAGTCAGGTGCGTTAGGATC TGATCCTAACGCACCTGACTGACCC TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCATTCACGGC TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC TGAGCTTAGTTTGCGGTCATCGGGC TGCCCGATGACCGCAAACTAAGCTC TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACA	333	TCCGTGTGGCTGGAGATTCGTGTGA	TTCACACGAATCTCCAGCCACACGG
336 TGCCGTGAAGTCGAATGCAGATCGA TTCGATCTGCACTCACGGC 337 TGCCACCACCCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGTGGC 338 TGAGCTTAGTTTGCGGTCATCGGGC TGCCCGATGACCGCAAACTAAGCTC 339 TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACA		TGTTAGGGCGACGCATATTGGCACA	TTGTGCCAATATGCGTCGCCCTAAC
337 TGCCACCAGTGCATTCAGGTA TTACCTGAATGCACTGGGTGGCC 338 TGAGCTTAGTTTGCGGTCATCGGGC TGCCCGATGACCGCAAACTAAGCTC 339 TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACA			TGATCCTAACGCACCTGACTGACCC
338 TGAGCTTAGTTTGCGGTCATCGGGC TGCCCGATGACCGCAAACTAAGCTC 339 TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACA		TGCCGTGAAGTCGAATGCAGATCGA	TTCGATCTGCATTCGACTTCACGGC
339 TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGGCAAACA		TGCCACCACCAGTGCATTCAGGTA	TTACCTGAATGCACTGGGTGGTGGC
TOTAL STATE OF THE TOTAL STATE O		TGAGCTTAGTTTGCGGTCATCGGGC	TGCCCGATGACCGCAAACTAAGCTC
340 TGCTCCGCTGGATGTGCCGGTTTAG TCTAAACCGGCACATCCAGCGGAGC			TGTTACTCCCTAATGGCGGCAAACA
	340	TGCTCCGCTGGATGTGCCGGTTTAG	TCTAAACCGGCACATCCAGCGGAGC

341	TCGGTAGCATGCGAGATCCCTGTTA	TTAACAGGGATCTCGCATGCTACCG
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343	TGTGCCTCCTGCTGTATTTGCCAAG	TCTTGGCAAATACAGCAGGAGGCAC
344	TTTGCGACTCGACTTGGACGAGTAG	TCTACTCGTCCAAGTCGAGTCGCAA
345	TTCTGGGAGCTGTTTACTCCAGCCA	TTGGCTGGAGTAAACAGCTCCCAGA
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362	TTTGTGAATCCGTTCTGTCCCCGAC	TGTCGGGGACAGAACGGATTCACAA
363	TTGGGCTCCTCTGAGGCGAGATGGC	TGCCATCTCGCCTCAGAGGAGCCCA
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386	TGAACCGAGCCAACGTATGGACACG	TCGTGTCCATACGTTGGCTCGGTTC
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	TTTCGCTTTCGTGGCTGCACTTCAA	TTTGAAGTGCAGCCACGAAAGCGAA
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413	TAACCAGCCGCAGTAGCTTACGTCG	TCGACGTAAGCTACTGCGGCTGGTT
414	TTTTCTGAGGGACACGCGGGCGTT	TAACGCCCGCGTGTCCCTCAGAAAA
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·	TGTTCCCGACGCCAGTCATTGAGAC	TGTCTCAATGACTGGCGTCGGGAAC
		TAGCCCGACCTCCGCGAAACTTTTA
		TGCCGAACTCAGCTCGTCTGGACCG
		TTTTAAGTCCGTAGCCGCTACGCCG
422	TGCTTGGATGCCCATGCGGCAAGGT	TACCTTGCCGCATGGGCATCCAAGC

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423	TAGCGGGATCCCAGAGTTTCGAAAA	TTTTTCGAAACTCTGGGATCCCGCT
424	TGAGCTTGAGAGCGAGGTCATCCTC	TGAGGATGACCTCGCTCTCAAGCTC
425	TGCATCGGCCGTTTTGACCATATTC	TGAATATGGTCAAAACGGCCGATGC
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464 TGCTGGTGAACACTCACGAACGGT TAGGGGTTGATGAGTGTTCACCAGG 465 TGCAGACAGGGCAAATCGGTTGCAAA TITTTGCACCGATTTGCCTTGTCTGC 466 TCCCATCACAACGAGTGCCGACTTT TAAAGTCGCCACTCGTTGTGATGGG 467 TGCTTCTACAGCTGGCGTGCTAGCG 468 TGCATGTGTGCCGACCATTCTAGCC 469 TCCAGCGGAGTTTAGACGC TCGCTAGCACGCCAGCTGTAGAAGC 468 TGAATGTGTGCCGACCATTCTAGCC 469 TCCAGCGGAGAGTTAGAGCTCTTGTGG TCCACAGAGCTCTAACTTCCGCTGG 470 TITTTTACCGACCACTCCATGTCGG TCCAGACAGCGCTACACATTCCGCTGG 471 TGCGGCTATGTGATAGCGCTCC 472 TAGTACACGGGCGTTAGCGCTCC 473 TTCCTGTGTGGTGGCGCACACTCCCAC 474 TCCAACTAACCGAGCGCTTAGC 475 TAGTGACACGGCGGAGTAGA TTCATCCGCGCGACCACACAGGA 476 TCATCTTTGCGGGCGAATGA TTCATCCCGCGCGATAGAC 477 TCCAACTAACCAATCGCGGCGATGA TTCATCCCGCGCATTGATTAGTTGG 478 TCATCTTTCGCGGAGGATGA TTCATCCCGCGCGAAAAAAT 479 TCCACCAAAACGTGGGCCCCAAAT 479 TCGCACGAAAACGTGGGCCCCAAAT 479 TCGCACGAAAACGTGGGCCCCAAAT 479 TCGCACGAAAACGTGGGCCCCAAAT 480 TAGGAGACATACGCCCCAAATGGTGC 481 TATTGAGAACTCTGGGGGGAGAA 482 TCTCACGAAAACGTGGGCCCCAAAT 483 TGCCGCAGCAACTCTAGCATTG 484 TAACCGCGCCCCAAATGGTGC 485 TGCCCACCATTTGGGGCTCCAAT 486 TCGCAGCAGGTGAACTCTAGCATTG 487 TCTCACGAAAACTCGTGGGGAGAGA 488 TGCCGCAGGGTGAATTTGTCCTCAT 489 TCGCAGCAGGTGAACTTTAGCACTT 480 TCTCATTGTAGGCCCCAAATGGTGC 481 TAACCCCCCCCAAGGAGGAGA 483 TGCCGCAGGGTGAAATTGGTCTA 484 TCTCACTTTGAGGCCCCAAATGGTGC 485 TCTGATTTTCAGCCCTCAGACTTTTTCCTCAGCCACAAAAAGG 486 TCGGATGGGTTGAACTTTAGCACTTTTCAT 487 TCTGACCTTTGGGGGAACTTTTGGCTAT 488 TCTGACTTTGGGGGAACTTTTGGCTAT 489 TCTGACTTTGGGGGAACTTTTGGCTAT 480 TCTGACTTTGGGGGAACTTTTGGCTAT 481 TAACCCCCCCCAAAGGAGAACTT 482 TCTGACTTTGGGGGAACTTTTAGACCAATTATCGACCCTCCGGC 485 TAACGCACATATTGGCT 486 TCGACAAACATGCCCAAAGAG 487 TCTGACCTTTGGGGGTTAGTCCGT 488 TCGACAAACATGCCCAAAGAG 488 TCGACATCATCAC 489 TAACGCACCCTCAGACTTTAGACTTTTTCAATT 480 TCTGACCTTTGGGGGAACTTTTTTTTTCC 489 TAACGACACTCAGGAACTTTTTTTTTTTTTTTTTTTTTT			
466 TCCCATCACAACGAGTGGCGACTTT TAAAGTCGCCACTCGTTGTGATGGG 467 TGCTTCTACAGCTGGCGTGCTAGCG TCGCTAGCACGCCAGCTGTAGAAGC 468 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGAATGGTCGGCACACATTC 469 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGTCTCAACTTCCGCTGG 470 TTTTTTACCGACCACTCCATGTCGG TCCACAGAGTGGTCGGTAAAAA 471 TGCGGCTATGTAGAGCCTCCGG TCCGACATGGAGTGGTCGGTAAAAA 471 TGCGGCTATGTGATGACGCCTCC 472 TAGTACACGGGCGTTAGCGCTCC TGGAGCGCTACACACACACCCCACACACAGCA 473 TTCCTGTGTGGTGGGGCACTCCCAC TGTGGGAGTGGCCCACCACACAGGA 474 TCCAACTAACCAATCGCGCCGGATGA TTCACCCGCGCATTAGTTGTGG 475 TAGTGAGTGACCAAGGCAGGAGCAA TTCCTCGCCGCGATAGACTCCACT 476 TCATCTTTCGCGGAGCAGCACACATTGCGCCCC TGTAGTCCTTGGTCACTCACT 477 TCTTCGTCCGGTTAGTGCGCCACACACAGCA 478 TCTCACGAAAACGTGCGCCGAAAAT 479 TCGCAGCAGACAACGCACGCACACACAGAAA 479 TCGCAGCAGACACACTGAGCACACACACACACACACACAC	464	TGCTGGTGAACACTCACGAACCGCT	TAGCGGTTCGTGAGTGTTCACCAGC
467 TGCTTCTACAGCTGGCGTGCTAGCG 468 TGAATGTGTGCCGACCATTCTAGCC 469 TCCAGCGGAAGTTAGAGCTCTGTGG 470 TITTTTACCGACCACTCCATGTCGG 471 TGCGGCTATGTAGAGCTCCATGTCGG 472 TAGTACACGGCCGTGATGACGCCCTAGC 473 TTCCTGTGTGTGTGGTCGTCGAGCCTCACATAGCCGC 474 TCCAGCAGGCCGTGTTAGCGCTCCAC 475 TAGTACACGGGCGTGTTAGCGCTCC 476 TCCAACAAGAGCCCACCACACACAGCA 477 TCCAACTAACCAATCCCACC 477 TCCAACTAACCAATCGCGCGGATGA 478 TCCAACTAACCAATCGCGCGGAGAGA 479 TCCAACTAACCAATCGCGCGGAGAGA 470 TCTTCGTCGGGGGTTTAGCGGCCT 471 TCCAACTAACCAATCGCGCGGGATGA 472 TCCAACTAACCAATCGCGCGGGATGA 473 TTCCTGTGTGGTGGCGCACCCCAC 474 TCCAACTAACCAATCGCGCGGGATGA 475 TAGTGAGTGACCAAGCAAGCAA 476 TCATCTTTCGCGGGGGTTTATCGGG 477 TCTTCGTCCGGTTAGTGCGACAGCA 478 TCTCACCGAATAACCCACCACACACAC 479 TCCGCACTAACCGGAGCAAT 479 TCGCAGCAGACACCACACACGAA 479 TCGCAGCAGCCGCAAAT 479 TCGCAGCAGCCGCAAAT 479 TCGCAGCAGCTGAACTCTAGCATTG 480 TAGGAGACATACGCCCCAAATGGTGC 481 TATTGAGAACTCCTGGCGGAGGTTT 482 TCTTTTGTAGGCCCACAATGGTGC 483 TGCCGCAGGGTGATAATTGGGTCT 484 TAACGCCGCCCTAGAACTTTG 484 TAACACGCCCCCTAGAACTATTGGTCTA 485 TCCGAATAATTGAGGCTAACAGAGAGAGAA 478 TCCGAAGAGAGAACATTTGGG 486 TCGGATGGTTGCAGACATTTGGTCTA 487 TCTGAACTTTGGGGAACATTTGGG 488 TGGAAATGAGACACTCACAGAGAGAACATTAGCACCCTCAACAGAGAGAAAACACACAC	465	TGCAGACAGGGCAAATCGGTGCAAA	TTTTGCACCGATTTGCCCTGTCTGC
468 TGAATGTGTGCCGACCATTCTAGCC 469 TCCAGCGGAAGTTAGAGCTCTGTGG 470 TTITTTACCGACCCACTGCATGCGG 471 TGCGGCTAGTGAGGCCCACTCCATGCGG 472 TAGTACACCGCCCACTGATGCGG 473 TGCGGCTATGTGAGCGCCTGCG 474 TGCGGCTAGTGAGCGCCTGCC 475 TAGTACACGGGCGTGTTAGCGGCCTCCATGAGCGCCCCCGTGTACA 476 TCCTAGTGTGATGACGGCCCCAC 477 TCCTGTGTGGGGGCGCACTCCCAC 476 TCATCTTTCGCGGAGATTAGCGGC 477 TCTTCGTCGGGAGTTTATTGCGG 476 TCATCTTTCGCGGAGTTTATTGCGG 477 TCTTCGTCGGGAGTTTATTGCGG 477 TCTTCGTCCGGAGTTTATTGCGG 478 TCCTACCGAAAACCGCCCGGAAACA 479 TCGCACAAACCGACCGAAACA 479 TCGCACACAACGGAAGCAA 479 TCTTCGTCCGGAGTTTATTGCGG 470 TCTTCGCCGGAGTTAGTTGCGG 471 TCTTCGTCCGGAGTTTATTGCGG 472 TCATCTTTCGCCGGAGTTTATTGCGG 473 TCTTCGTCCGGAGTTTAGTCGG 474 TCTTCGTCCGGAGTTTAGTCGG 475 TCGCACCACTTACCGGAAGCAAA 477 TCTTCGTCCGGAGTTAGTTGCGG 477 TCTTCGTCCGGAGACACA 478 TCTCACGAAAACGTGGCCCCGAAAT 479 TCGCACCACGTGGACGCA 479 TCGCACCACGTGGCGCCCGAAAT 470 TCTTCGTCCGGAGTTAGTCGGC 480 TAGGAGACATACGCCCCAAATGGTGC 480 TAGGAGACATACGCCCCAAATGGTGC 481 TATTGAGAACTCGTGCGGGAGTTTG 482 TCTCTTTTCTAGGCCCAAGAGGAGCA 483 TGCCCCCGCAGAGAGGAGCA 484 TAAACGCCGCCCTGAGACGATTG 484 TAAACGCCGCCCTGAGACGTTTG 485 TCTGAGTTGCCCAAGAGAGACA 486 TCGGATGGGTTGAATTTGGTCTA 487 TCTGAGCTTTGGGGGGTTAGTTGGGT 488 TCGAACTATGCCCCAAGAGACTATGGGCT 488 TCGAACTTTGGGGGTTAGTCCCCCAAATGGTCCAGGCAACCCATCAG 489 TAACGCCCCTGAAACGTTGGACT 489 TAACGCCCCCTGAAACGTTGGACT 480 TAGGAATGAGAACCTTACCCCCACGG 480 TCGGATGGGTTCCAGACCATTCACA 481 TATCCAACGTTCCAGCCAACCCATCCG 482 TCGGATGGGTTCAGAACCATTTGGG 483 TACCCCACAAGTTCCCCCACGG 484 TCGGAATGAACACTTACCCCCACGG 485 TCGGAAGGAACCTTTACCCCCACGG 486 TCGGAAGGAACCTTTACCCCCACGG 487 TCTGACCTTTGGGGGGTTAGTTCAGCT 489 TAACGCACCATTGGACCATCAGCT 489 TAACGCACCATTGGACCATCAGCT 489 TAACGCACCATTGGACCATCAGCT 489 TAACGCACCATCAGGACACATT 480 TTTGCACCTTTGGACCACACCATCGG 480 TTTGCACCTTTGGACCACACCATCCGGACGAGTTTACCCCCCAAGGTTTACCCCCCAAGGTTTACCCCCCAAGGTTTACCCCCCAAGGTTTACCCCCCAAGGTTTACCCCCACGGTTTACACGCGCTTTACACGCGCCTTCGTATCAACCTTCCCAACGCTCTCTCCAA 491 TTTCCGCCGCACACCTTCCAACCTTCCAACCTTCCCGCCTTTACACCCCCCACAGTTTACCCCCCTCGTGGATGACCTTTCCAA 491 TTTCCCCCGCACCTCCTACACACCCTCCGCGCTTTACAC	466	TCCCATCACAACGAGTGGCGACTTT	TAAAGTCGCCACTCGTTGTGATGGG
469 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 470 TTTTTACCGACCACTCCATGTCGG TCCGACATGGAGTGGTCGGTAAAAA 471 TGCGGCTATGTGATGACGGCCTAGC TCCACATGGAGTGGTCGGTAAAAA 471 TGCGGCTATGTGATGACGGCCTAGC TGCAGAGCGCTACACACAGCACGCCACACAGGAGTGACT 472 TAGTACACGGGCGTGTTAGCGCTCC TGGAGGCGCTACACACGCCCCTGTACT 473 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCCCACACACAGGA 474 TCCAACTAACCAATCGCGCGGGATGA TTCATCCGCGCGATTGGTTAGTTGG 475 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 476 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 477 TCTTCGTCCGGTTAGTGCGACAGCA TTTGCTGCCACTCACCT 478 TCTCACGAAAACCTGGGCCCCAAATT 479 TCGAGCAGAACGCAGCAATTTTCGGGCCCACGTTTCGTGAG 479 TCGCAGCAGCTGAACTCTAGCATTT TCATTCTGGCCCACGTTTCGTGAG 480 TAGGAGACATCCGCCCAAATGGTGC TCCACCATTTGGGCGTTAGTGTCCAT 481 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTTCCAAT 482 TCTCTTTGTAGGCCCAGAGGAGCA TTGCTCCTCCTGGGCCTACAAAGAG 483 TGCCGCAGGGTGAATTTGGTCTA TTAGACCAATTATCGACCTGCGGC 484 TAAACGCCGCCCTGAGACTATTGGG TCCACCATTTGGCGCTTACAAAAGAG 485 TCCGAAGGTTGCATTATGGTCTA TTAGACCAATTATCGACCCTGCGGC 486 TCCGATGGGTTGCAGACTATTGGG TCCCCAATAGTCTCAGGCACCATCAG 487 TCTGAGTTGCCTGGAGCTTAGTGGT TAGCCCAATGCTCCAGACCATCAG 488 TGGAAATGAGAACCTTACCCCAAGGT 488 TGGAAATGAGAACCTTACCCCAAGGT 489 TAACGCCTTCGGGGGTTAGTGGGT TACCCCAATAGCCCACACCATCAG 489 TAACGCATTGGAGACTATGGGT TACCCCAATAGCCCCCCAAAGGTTCCATTCCCCAAGGTTCAACCCATCACCAC	467	TGCTTCTACAGCTGGCGTGCTAGCG	TCGCTAGCACGCCAGCTGTAGAAGC
470 TTTTTTACCGACCACTCCATGTCGG 471 TGCGGCTATGTATGATGACGGCCTAGC 472 TAGTACACGGGCGTGTTAGCGCTCC 473 TTCCTGTGTGGTGGCGCACTCCCAC 474 TCCAACTACCAATGCGGCGGATTGA 475 TTCCTGTGTGGTGGCGCACTCCCAC 476 TCCAACTACCAATGCGCGGGATTGA 477 TCCTGTGTGGTGGCGCACTCCCAC 478 TCCACTACCAATGCGCGGGATTGA 479 TCCACCTACCAAGGCAGGAGCAA 470 TCCACTTTCGCGGAGTTTATTGCGG 470 TCTTCGCGGAGTTTATTGCGG 471 TCTTCGCGGAGTTTATTGCGG 472 TCTTCGCGGAGTTTATTGCGG 473 TCTTCGCGGAGTTTATTGCGG 474 TCCACCTACCAAGGCAGGACAA 475 TCTCCGCCGTTTATTGCGG 476 TCATCTTTCGCGGAGTTTATTGCGG 477 TCTTCGCCGGATTTATTGCGG 477 TCTTCGCCGGATTTATTGCGG 478 TCTCACGAAAACGTGGGCCCGAAAT 479 TCGCAGCAAACCGTGGCCCGAAAT 479 TCGCAGCAAACCGTGGACCAAT 470 TCTCACGAAAACGTGGGCCCGAAAT 471 TATTTCGGGCCCACGTTTCGTGAG 470 TCGCAGCAAAACGTGGGCCCGAAAT 471 TATTTCAGGCACCACAATGGTGC 480 TAGGAGACATACGCCCCAAATGGTGC 480 TAGGAGACATACGCCCCAAATGGTGC 481 TATTGAGAACTCGTGCGGGAGTTT 482 TCTCTTTTGTAGGCCCCAAATGGTGC 483 TGCCGCAGGGGGAGCAA 484 TAAACGCCGCCCTGAGACTATTGGG 485 TCTGAGTTGCCTGAACCTATTGGG 486 TCGGATGGTTCCAATATTGGT 487 TCTGACTTTGGGACCTATTGGG 488 TCGGAATGAGTGCAGATTATGGGAT 488 TCGAACTACCCCCAAAGGTCAG 488 TCGAACTGTGCGGGTTAGCCGGT 489 TAACGCATCAGGAGACATTACCCCCAACGGTTCCAAACGAGTCCAG 489 TAACGCATCGTCCGTCAACTCATCA 490 TTGGAGAGAACTTTGCCCCAACG 489 TAACGCATCATCGCCCAACTCATCA 490 TTGGAGAGAACTTTGCCCCAACG 491 TTTGCCCTCTTGGGCCTAACTCATCA 492 TAGCCCATTGAACACTCACCC 493 TAGCCATTAAGACACGGCCAACTTTT 494 TTTGCGCCTATTGAACACACGACCACTTTTACCCCCACAAGTTCACCCCCAAAGGTTCCTTTCCC 489 TAACGCATCAACCTTCAACTACATTTTTCCCCAACACGTTCACTTTTCC 491 TTTGCCGCCAATTTGCCCCAGCG 492 TAGCCCATAACCTCACACTTCACA 493 TAGCCAACAACACTTCACACTTCACA 494 TCGACTTAAGACACGGCCAACTTTTT 495 TAGCCTTTTGCAACCACCACCACAGTTTACTGCCCACACGTTTACACGCCCAACAGTTTACTGCCCAACGTTTCACCCCCAACAGTTTCACTCAC	468	TGAATGTGTGCCGACCATTCTAGCC	TGGCTAGAATGGTCGGCACACATTC
471 TGCGGCTATGTGATGACGGCCTAGC 472 TAGTACACGGGCGTGTTAGCGCTCC 473 TTCCTGTGTGGTGGCGCACTCCCAC 474 TCCAACTACCATCGCGCGCACTCCCAC 475 TAGTACACAGTGCGCCGCGATGA 476 TCCAACTACCAATCGCGCCGGATGA 477 TCCTGTGTGGTGACCAAGGAGACAA 476 TCATCTTTCGCGGAGTTTATTGCGG 477 TCTTCGTCGGATTTATTGCGG 478 TCCTCGCGGAGTTAGTTGCGG 479 TCTTCGTCCGGTTAGTGCGACAGACAGACACAGAGACACACAGAGACACACAC	469	TCCAGCGGAAGTTAGAGCTCTGTGG	TCCACAGAGCTCTAACTTCCGCTGG
472 TAGTACACGGCGTGTTAGCGCTCC 473 TTCCTGTGTGGTGGCGCACTCCAC 474 TCCAACTAACCAATCGCGCGGATGA 475 TAGTGAGTGACCAACGGCAGGAGCAA 476 TCATCTTTCGCGGAGGTTATTGCGG 477 TCTTCGTCCGGGAGTTATTGCGG 478 TCTCACCAGAACGGAGCAA 479 TCTCACCAGAACCGGAGCAA 470 TCATCTTTCGCCGGAGTTATTGCGG 470 TCTTCGTCCGGTAGTGCGACACA 471 TCTTCGTCCGGTATTGCGACACA 471 TCTTCGTCCGGTAACTCGACACA 472 TCTTCGTCCGGAACTTTATTGCGG 473 TCTCACCAAAACGTGGCGCCCAAAAT 474 TCTTCGTCCGGAACTCTAGCACACA 475 TCTTCGTCCGGAACACACACACACACACACACACACACAC	470	TTTTTTACCGACCACTCCATGTCGG	TCCGACATGGAGTGGTCGGTAAAAA
473 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCGCCACCACACAGGA 474 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG 475 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCTCTGCTTGGTCACTCACT 476 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 477 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG 478 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 479 TCGCAGCAGCAGCAT TATTTCGGGCCCACGTTTTCGTGAG 480 TAGGAGACATCCTAGCATTG TCAATGCTAGAGTTCACTCTCT 481 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCACT 482 TCTCTTTGTAGGCCCAAATGGTC TCAAACTCCCGCACGAGTTCTCAAT 483 TGCCGCAGGGTCGATAATTGGTCTA 484 TAAACGCCGCCCTAGAGCATTTGGG TCCCAATAGTCTCAGCGCCTACAAAGAG 485 TCTGAGTTGCCTGGAACGTTGGACT TTAGACCACTTCAGGGCCTACAAAGAG 486 TCGGATGGGTTGAACGTTGGACT TAGTCCACACTTCCAGGCCAACCCACGGCACTCAG 487 TCTGACCTTTTGGGGGTTAGTGCGGT TACCCCACACGAGTTCTCACT 488 TGGAAATGAGAACCTTACCCCAGCG TCCCGACCAAAGGTCAC 489 TAACGCACTCTTGCGCCACACCACTCACA 490 TTGGAGAGAACCTTACCCCAGCG TCCTGGGGCAAGGTCCTCCG 491 TTTGCGCTCATTGGACCTTTTTCC 492 TAGCCCATTAGGACTATTGTT TAATGATGACGAGAGTCCATCCCC 493 TAGCCACTAACCCACGCACCATTCT 494 TCGACTGTGCAACCATCATCA 495 TAGCCACTAAACCAGCGCAACTT 496 TTGCGCTCAATCATCACTTTAATGTTCCCCAAAGGTCACCATCAGCCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCAGCACCATCACCACCACCACCACCACCACCACCACCACCACC	471	TGCGGCTATGTGATGACGGCCTAGC	TGCTAGGCCGTCATCACATAGCCGC
TCCAACTAACCAATCGCGCGGATGA TTCATCCGCCGGATTGGTTAGTTGG TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCTCTCCTTTGGTCACTCACT TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACCACTTTTCGTGAG TCCACCAAAACCGTGGGCCCCAAAT TATTTCGGGCCCACGTTTTCGTGAG TCAACGCACACTTTTGCAGTTG TCAACGCCCACAATGGTGC TCAACGCCCCACAGGTTCTCCCT TTATTGAGACACTCTGCGGGAGTTTTG TCAACTCCCCGCACACGGTTCTCCAT TTATTGAGACACTCTGCGGGAGTTTTG TCAACTCCCCGCACACGGTTCTCCAAT TTGCTCCTCTGGGCCTACAAACAGAG TTGCTCTCTCTGGGCCTACAAACAGAG TTGCTCTCTCTGGGCCTACAAACAGAG TTGCCCTTGGGCCTACAAACAGAG TTGCCCACATAGTTCCACGGCCCTTACAAACAGAG TTATTCCCAATAGTTCCACGGCCCTTACAAACAGAG TCCCAATAGTTCCAGGGCCGCCGTTTTTACACCCCTTCCGGCCTACAAACTCACGCTTCCAGGTTGCACCCTTCCGGCCTTACAACCCCCTACAACACCCCCCAAAGGTCAC TCCCAATAGTTCCAGGCCACTTCCGGCTTACACCCCTTCCGGCCTTCCAACCCTTCCGGCTTTCCAACCCTTCCGGCTTTCCAACCCCTTCCGGCTTTCCAACCCCTTCCCACCTTCCACCTCCT	472	TAGTACACGGCCTGTTAGCGCTCC	TGGAGCGCTAACACGCCCGTGTACT
TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCTGCCTTGGTCACTCACT TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG TTGCTGCGCACTAACCGGACGAAG TTGCTGCGCACTAACCGGACGAAG TTGCTGCGCACTAACCGGACGAAG TTGCTCCGCACTAACCGGACGAAG TTGCTCACCGAAAACCGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCG TCAAACCCCGCACGAGTTCTCCCT TCAAACTCCCGCACGAGTTCTCCCT TCAAACTCCCGCACGAGTTCTCCCT TTGCTCTCTGGCCTTCCAAT TTGCTCTCTTGGGCCTACAAAGAG TTGCCGCAGGGTCGAACTTTGTCAT TTGCTCCTCCTGGGCCTACAAAGAG TTGCCGCAGGGTCGAACTATTGGG TTGCCCCCTTGGGCCTACAAAGAG TTGCCGCAGGGTCGAACTATTGGG TCCCAATAGTCTCAGGCCCTGCGCC TTGCTTTCAGGCCCTGCGGC TTGCCCAATAGTCTCAGGCCGCGCTGTGAACCTATTGGGCTTTCAAGCCCCCCAAAGAGAGTCAGAGAGAG	473	TTCCTGTGTGGTGGCGCACTCCCAC	TGTGGGAGTGCGCCACACAGGA
476 TCATCTTTCGCGGAGTTTATTGCGG 477 TCTTCGTCCGGTTAGTGCGACAGCA 478 TCTCACGAAAACCTCGGCACAGCA 478 TCTCACGAAAACCTGGGCCCGAAAT 479 TCGCAGCAGCTGAACTCTAGCATTG 479 TCGCAGCAGCTGAACTCTAGCATTG 480 TAGGAGACATCCGCCCAAATGGTGC 481 TATTGAGAACTCGTGCGGGAGGAGCA 482 TCTCTTTGTAGGCCCCAGAGGAGCA 483 TGCCGCAGGGTCGATAATTGGTCTA 484 TAAACGCCGCCCAGAGGAGCA 485 TCTGATTGTAGGCCCAGGAGGAGCA 486 TCGGATGGTCCAGAATTTGGG 487 TCTGACTTGGAGCCCTGAGACTATTGGG 488 TCTGAACTCCCGCCAGGAGGACCA 489 TCCGCAGGGTTGAACTTTGGG 480 TAGACCCATTGAGCCCTCGCGGC 481 TAAACGCCGCCCTGAGACTATTGGG 482 TCTCTTTGTAGGCCCAGGAGGAGCA 483 TGCCGCAGGGTCGATAATTGGTCTA 484 TAAACGCCGCCCTGAGACTATTGGG 485 TCTGAGTTGCCTGGAACCTTTGGG 486 TCGGATGGGTTGCAGAGTATTGGGT 487 TCTGACCTTTTGGGGTTAGTCCCAGCGT 488 TGGAAATGAGAACCTTACCCCAGCG 489 TAACGCATCATCCACCCAGCG 489 TAACGCATCGTCCGTCAACTCATCA 490 TTGGAGAGAGACCTTACCCCAGCG 491 TTTGCGCTCATTGGATCTTTTCCCA 492 TAGCCGATGGATCTTTGTCAGG 493 TAGCCAATAACCACGCAACATT 494 TCGACTGAAGAACCTTTACCCCAGC 495 TGGTTGCAACCAGCAGCTT 496 TCGACTGAAGCACCGCAACCATT 497 TAGCCCTCATAGGCCAACTCT 498 TAACGCATCATCGCCATCGC 499 TAGCCGCCAACCAGCTGT 490 TTGCGCTCATAGGCACCAGCGCT 491 TCGACTGAAGCACCGCGCACACTTTACCCCACCGCT 492 TAGCCAGTAAACCTGGCGCATTCAA 493 TAGCCACTAAACCAGCAGCTGT 494 TCGACTGATGGGCAACCATT 495 TGGTTGCCCAACCAGCAGCTGT 496 TGACTGGCGCAACCAT 497 TCGACTGATGGCCAACCACCAGCTG 498 TAGCCACTAAACCTCCGCAACCAGCTG 499 TAAAGGAGCTTCCCCAACCAGCTG 490 TGCCAACGCCCCACAGTTTACCCCACCGCCACAGTTTACCGCCT 491 TGCCCAACCGCCCCACCGTTGGAC 492 TAGCCGCCCACCGTCCGTCATCTCAA 493 TAGCCACTAACCCTCCGCCACCGTTCAACCCTCCGCGCCCACAGTTTACCGCCT 496 TGGTTGCCCCAACCAGCAGCTGT 497 TCACTCGCCGCCCCACAGGTTCC 498 TAGCCACTAACCCTCCGCCACCGTTCAACCCTCCGCGCCCACAGTTTCACCCTCGCCCACCGCTCCGTTGGAC 498 TAGAACCTCCGCCCCCCCCACAGCTCCTCCGCCCACAGCTCCTTTTACCGCCGCCCACAGCTCCCTCGCCCCACAGCTCCTTTTACCGCCCAACCCTCCGCCCCACAGCTCCCTTTTTACCGCCCAACCCTCCGCCCCACAGCTCCCTTTTTCCCCCCACCCCCCCC	474	TCCAACTAACCAATCGCGCGGATGA	TTCATCCGCGCGATTGGTTAGTTGG
477 TCTTCGTCCGGTTAGTGCGACAGCA 478 TCTCACGAAAACGTGGGCCCGAAAT 479 TCGCAGCAAACGTGGGCCCGAAAT 479 TCGCAGCAGACTCAGCATTG 480 TAGGAGACATACGCCCAAATGGTGC 481 TATTGAGAACTCTGGGGACGAGTTTCCCT 481 TATTGAGAACTCGTGCGGGAGTTTG 482 TCTCTTTGTAGGCCCAGAGGAGCA 483 TGCCGCAGGGTCGATAATTGGTCTA 484 TAAACGCCGCCCAGAATTGGTCTA 485 TCTGAGTTGCCCGGAGACGATTTGGG 486 TCGGATGGTGCAGACTATTGGG 487 TCTGACCTTCGGGCGGACGATTTGGG 488 TCGGATGGCTGAACGTTTGGG 488 TCGGATGGGTTGAACTATTGGG 480 TAGACCCATCAGGACCATTATCGACCCTGCGGC 481 TAAACGCCGCCCTGAGACTATTGGG 482 TCTCTTTGTAGGCCCAGGAGCACT 483 TCCCAATAGTCTCAGGGCGCGCGTTT 484 TAAACGCCGCCCTGAGACTATTGGG 485 TCTGAGTTGCCTGGAACGTTTGACT 486 TCGGATGGGTTAGTGCGGT 487 TCTGACCTTTGGGGGTTAGTGCGGT 488 TGGAAATGAGAACCTTACCCCAGCG 489 TAACGCATCGTCCAACTCATCA 480 TAACGCATCGTCCAACTCATCA 481 TTTGCACTATGGGCAATTGTT 490 TTGGAGAAGAACATTCAGCCATTGTT 490 TTGGAGAAGAACATTCAGCCATTGTT 491 TTTGCCCTCATTGGGCAATTTTTCCAACTCTCCA 492 TAGCGCGTTAAAGCACGGCAACATT 493 TAGCCACTAAACCACCAGC 494 TCGACTGAGACTATGGGCGCATTGTT 494 TCGACTGATGTGGACCAGCGACACATT 495 TGGTTGCAACCAGCAGCGGCGCACAATTTAATGTTGCCGTGGTTTAACGCGCT 496 TGGACAGAACACTGAGCAGCAGCTG 497 TCGACTGATGTGCAACCAGCAGCTG 498 TAGAACCTCCGCCAACGCAGCTG 498 TAGAACCTCCGCCAACCAGCAGCTG 499 TAAAGGAGCTTTCGCCCAACGAGCTG 490 TTGCCCAACGCGCCACAGTTTACACCACCAGCTC 491 TTTGCCCCCAACCAGCAGCTG 492 TGGACAGACCAGCAGCAGCTG 493 TAGCCAGTAAACCTCGGCAACATT 494 TCGACTGATGTGCAACCAGCAGCTG 495 TGGTTGCCCAACCAGCAGCTG 496 TGACTGGTTGAACCACCAGCAGCTT 497 TAAAGGAGCTTTCGCCCAACGTTC 498 TAAAGGAGCTTTCGCCCAACGTTC 499 TAAAGGAGCTTTCGCCCAACGTTC 499 TAAAGGAGCTTTCGCCCAACGTTC 499 TAAAGGAGCTTTCGCCCAACGTTC 490 TAGGATTGTGCCCCAACGTTC 490 TAGTGATTGTGCCCCAACGTTC 491 TTGCCGCCACCGCCCCCACGGTTCC 492 TAGCGCGCCCACAGTTCC 493 TAGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	475	TAGTGAGTGACCAAGGCAGGAGCAA	TTTGCTCCTGCCTTGGTCACTCACT
478 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 479 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCCG 480 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTTGGGCGTATGTCTCCT 481 TATTGAGAACTCGTGCGGGAAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 482 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG 483 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 484 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGCGGCGTTT 485 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAGCAACTCAG 486 TCGGATGGGTTGCAGAGTATGGGAT TATCCCAACGTTCCAGGCAACCTCCG 487 TCTGACCTTTGGGGGTTAGTGCGGT TACCCCAACGTTCCAACCCATCCG 488 TGGAAATGAGAACCTTACCCCAGCG TCGCTGGGCTACAACCCCCAAAGGTCAG 489 TAACGCATCGTCCGTCAACTCATCA TTGATGAGTTGACCGAACGTTTCCA 490 TTGGAGAGAGACTTCGGCCATTGTT TAACAATGGCCGAAGTCTCTCCCA 491 TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA 492 TAGCCAGTAAACTGTGGGCGAACATT TAATGTTGCCGTGGTTTAACGCGCT 493 TAGCCAGTAAACTGTGGGCGCAACATT TAATGTTGCCGTGGTTTAACGCGCT 494 TCGACTGATGGAACCAGCAGCTG TCACCTCGTCGACCAACGTTACCCCAACGTTACCCCAACGTTTACCCCAACGTTTACCGCAACGTTTACCGCAACGTTTACCGCCAACGTTTACTCGCT 495 TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTCGTATGAGCAACC 10 TGTCCAACGCGCAACATT TAATGTTGCCGTCGTTTAACGCGCT 495 TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTCGTATGAGCAACC 10 TGTCCAACGCGCAACTTCAA TTTGAATCGGAGTTGCACATCAGTCG 496 TAGAACCTCCGCCCCCACGTTCAA TTTGAATCGGAGTTGCGCGTTGGAC 11 TTTGCCGCCCACCGTCCGTCATCCAA TTTGAATCGGAGTTGCGCGTTGGAC 12 TAAAGGAGCTTTCGCCCAACGTTC 13 TAAAGGAGCTTTCGCCCAACGTTC 1499 TAAAGGAGCTTTCGCCCAACGTTC 1500 TAGTGATTTGTCCCCAACGTTC 1501 TGCGATCGTCGAGGGTTGAGCTTCCC 1502 TGGAGACCATCACCTCCGACGACC 1503 TGAGAACCCTTCCAACCCTCCGCCGCACAACATCACCT 1504 TGCGATCGTCGAGGGTTGAGCTTCCCC 1503 TGAGAACCCTTCCACACCCTCCGCCGCACAACCCTCCGACGACCCCCCCACAGTTCCCC 1504 TGCGAGACCATTATGGTCCTCC 1505 TGAGAACCCTTCCACACCCTCCGCCGCACAACCCTCCGACGACCCCCCCC	476	TCATCTTTCGCGGAGTTTATTGCGG	TCCGCAATAAACTCCGCGAAAGATG
TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCG TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT TCCTTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCCTGGGCCTACAAAGAG TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC TAGACCCATTATCGACCCTCCGGCC TTAGACCAATTATCGACCCTCCGGCC TTAGACCAATTATCGACCCTCCGGCC TTAGACCAATTATCGACCCTCCGGCC TTAGACCAATTATCGACCCTCCGGCC TTAGACCAATTATCGACCCTCCGGCC TTAGACCAATTATCGACCCTCCGGCC TTAGACCAACGTTCCAGGCCAACTCCGGC TTAGCCCAACGTTCCAGCCAACCCTCCGCC TTACCCCAACGTTCCAACCCCACCC TCGCTGGGGTAAGGTTCTCCCCACCC TTGATGAGTTGCCGAACCTTTCCCCAACCCTTCCCCAACCCTCTCCCACCCCACACGTTCCCCCCACACCTTCCCCCCCC	477	TCTTCGTCCGGTTAGTGCGACAGCA	TTGCTGTCGCACTAACCGGACGAAG
TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT TAGCCCACTAGAGCCCTTCCAAT TAGCCCACTAGAGCCCTTCCAAAGAG TGCCGCAGGGTCGATAATTGGCTTA TTAGACCAATTATCGACCCTGCGGC TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGCGGCGCTTT TAGACCAATTATCCACCCTGCGGC TAGTCCAACGTTCCAGGCGCGCTTT TAGACCATCCTGCAACCTCCAGGC TCGATTGCCTGGAACGTTTGGACT TAGCCCATACTCTCGCAACCCCACCG TCGATGGGTTGCAGAGTATGGGAT TACCCATACTCTGCAACCCCACCG TCGCTGGGGTAAGGTCAGCTACCCCAAGGTCAG TCGAAATGAGAACCTTACCCCAGCG TCGCTGGGGTAAGGTTCTCCTTCCA TTGAACACTCATCAT TTGAACACTACTCCCAATCATCA TTTGAGAGAGACACTTCTCCCCAACCACTCCCAAGGTCACCCCAAAGGTCACCCCAAAGAACCCCCAAAGAACCACTCATCA TTTGCACCAACTACACCACCACCACCACTTTT TAACAATGGCCGAAGTTCTCCCCAACCACCAAGATCCCCCAAAGATCCCCCCAAAGATCCACTCCCAACCACCACACTTTTT TAACAATGGCCGAAGATCCTCCCCAACCACCAACTT TAATGTTGCCGTCCATTCACCCAACCACCACCACCCCCCCACAGTTTAACCGCCCT TCAACCCAGTAAACTTGGGCGGCTGT TACAGCCCCCCCACAGTTTAACGCCCCCACCCCCCCCACAGTTTACTGGCT TCACCCCCCCCCACAGTTCCCCCCCCCC	478	TCTCACGAAAACGTGGGCCCGAAAT	TATTTCGGGCCCACGTTTTCGTGAG
481 TATTGAGAACTCGTGCGGGAGTTTG 482 TCTCTTTGTAGGCCCAGGAGGAGCA 483 TGCCGCAGGGTCGATAATTGGTCTA 484 TAAACGCCGCCCTGAGACTATTGGG 485 TCTGAGTTGCCTGGAACGTTTGGG 486 TCGGATGGGTTGCAGACGTTTGGACT 487 TCTGACCTTTGGGGTTAGTGCAT 488 TGGAAATGAGAGACCTTGGGAT 489 TAACGCACTTTGGGGTTAGTGCGGT 489 TAACGCACTTACCCCAGCG 490 TTGGAGAGACCTTTGGCCATTGTT 490 TTGGAGAGACCTTTGGCCATTGTT 491 TTTGCGCTCATTGGACCTTTGTCAGACGAACTCCTCCAACGCAACTCCCAACGAACACTCCAACGAACACTCCAACACACAC	479	TCGCAGCAGCTGAACTCTAGCATTG	TCAATGCTAGAGTTCAGCTGCTGCG
TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCCCGCCCTACAAAGAG 483 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 484 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGCAGCGCGTTT 485 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG 486 TCGGATGGGTTGCAGAGGATATGGGAT TATCCCATACTCTGCAACCCATCCG 487 TCTGACCTTTGGGGGTTAGTGCGGT TACCGCACTAACCCCCAAAGGTCAG 488 TGGAAATGAGAACCTTACCCCAGCG TCGCTGGGGTAAGGTTCTCATTTCC 489 TAACGCATCGTCCGTCAACTCATCA TTTGATGATTGACGAGAGTTCTCCCA 491 TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA 492 TAGCGCGTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT 493 TAGCCAGTAAACTGTGGGCGGACACATT TAATGTTGCCGTGCTTTAACGCGCT 494 TCGACTGATGTGCAACCAGCAGCTG TCAGCCGCCCCACAGTTTACTGGCT 495 TGGTTGCTCATACGACCAGCAGCTG TCACTCGCTCGTTGTAGCAACCC 10 TGTCCAACGCGCAACTCCAA 498 TAGAACCTCCGCTCCGTCATCCAA 498 TAGAACCTCCGCCCCCCACGTTCCAA 499 TAAAGGAGCTTTCGCCCAACGTAC TTTGAGATGGGCGGAAGGTCT 500 TAGTGATTGTGCCCCAACGTACC TGGTACGTTGGGCCGAAAGCTCCTTT 500 TAGTGATTGTGCCACTCCAACGTAC TTGCGATCGTCGAGGGTTCCCC 501 TGCGATCGTCGAGGGTTGAACCCTCCGAGGAGCCACCTTCTCCCC 502 TGGGAGACAGCCATTATGGTCCTCC 503 TGAGACCCTCCGACCACACCTC TGTTCTCCCGGAGTGACCCTCCCCCCCCCC	480	TAGGAGACATACGCCCAAATGGTGC	TGCACCATTTGGGCGTATGTCTCCT
TGCGCAGGGTCGATAATTGGTCTA TAGACCAATTATCGACCCTGCGGC TAGACGCCCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT TAGACCACGTTCCAGGCCGCCGTTT TAGACCAACGTTCCAGGCCGCCGTTT TAGTCCAACGTTCCAGGCCAACTCAG TCGGATGGGTTGCAGACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG TCGGATGGGTTGCAGACGTTGGGGT TACCCCATACCTCTGCAACCCATCCG TCGGACTTTGCGGGGTTAGTGCGGT TACCCCATACCCCCAAAGGTCAG TCTGACCTTTGGGGGTTAGTGCGGT TACCCCATACCCCCAAAGGTCAG TCGCTGGGGTAAGGTTCTCATTTCC TGACCATCGTCCGTCAACTCATCA TTGATGAGTTGACGGACGATGCGTT TAACAATGGCCGAAGTTCTCTCCCA TTTGAGAGAGAGACTTCGGCCATTGTT TAACAATGGCCGAAGTTCTCTCCCA TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TAGCCAGTTAAACCTGTGGGCGGCTGT TACAGCCGCCCCACAGTTTACTGGCT TACAGCCGCCCCACAGTTTACTGGCT TACAGCCGCCCACAGTTTACTGGCT TCAGCTGCTTGTCAACCCCGCCTCGTTTACACGCGCT TCACTCGCTCGTTGTCACACCCCTCGTCGTATGAGCAACCC TTTGAACCTCCGCCCACCGTCCTCAACCCCCTCGTCGTATGAGCAACCC TTTGAACCCGCCCCCACGGTTCCTCTCAACCCCCCCCCC	481	TATTGAGAACTCGTGCGGGAGTTTG	TCAAACTCCCGCACGAGTTCTCAAT
TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT TAGTCCAACGTTCCAGGCAACTCAG TCGGATGGTTGCAGAGTTAGGGAT TATCCCATACTCTGCAACCCATCCG TCCGATGGGTTGCAGAGTATGGGAT TACCCCATACTCTGCAACCCATCCG TCCGACCTTTGGGGGTTAGTGCGGT TACCGCACTAACCCCCAAAGGTCAG TCTGACCTTTGGGGGTTAGTGCGGT TACCGCACTAACCCCCAAAGGTCAG TCGCTGGGGTAAGGTTCTCATTTCC TTGACATGAGTTGACGGACGATGCGTT TAACAATGGCCGAAGTTCTCATTTCC TTGAGAGAGAGACCTTCGGCCATTGTT TAACAATGGCCGAAGTCCTCTCCA TTGAGAGAGAGCTTCTCCAA TTGATGAGTTGACGGACGATGCGTT TAACAATGGCCGAAGTCCTCTCCA TTGACAAGATCCAATGAGCGCAA TTTGACCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TTTGACCGCTCAACTCATCAA TAATGTTGCCGTGCTTTAACGCGCT TACAGCCGCCCACAGTTTACTGGCT TACAGCCGCCCACAGTTTACTGGCT TCAGCTGCTGGTTGCACCACCAGCTG TCACTCGCTCGTTGAAGCAACCC TCACTCGCTCGTATGAGCAACCC TTTGAATCGGAGTTGCGCGTTGGAC TTTTGCCGCACCGTCCGTCATCCAA TTTGAATCGGAGTGCGCGAAAGCTCCTTT TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGGAAAGCTCCTTT TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGGCAAATCCCTTT TTTGCCGCACCGTCCGTCAGTAG TCTACTACGAGGGCGGAAGCTCCTTT TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT TTTGAGATCGGAGGGGGGAAAGCTCCTTT TTTGAGATCGGAGGGGGGAAAGCTCCTTT TTTGAGATCGGAGGGGGGAAAGCTCCTTT TTTTGAGATCGGAGGGGGGAAAGCTCCTTT TTTTTTTTTT	482	TCTCTTTGTAGGCCCAGGAGGAGCA	TTGCTCCTCCTGGGCCTACAAAGAG
TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG TCGGATGGGTTGCAGAGTATGGGAT TATCCCATACTCTGCAACCCATCCG TCTGACCTTTGGGGGTTAGTGCGGT TACCGCACTAACCCCCAAAGGTCAG TCTGACCTTTGGGGGTTAGTGCGGT TACCGCACTAACCCCCAAAGGTCAG TCGCAGTAAGGAACCTTACCCCAGCG TCGCTGGGGTAAGGTTCTCATTTCC TTGATGAGTTGACGGACGATGCGTT TAACAATGGCCGAAGTCCTCTCAA TTGATGAGTTGACGGAAGTCCTCTCCAA TTGATGAGTTGACGGAAGTCCTCTCCAA TTTGACAATGGCCGAAGTCCTCTCCAA TTTGACAATGGCCGAAGTCCTCTCCAA TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TAGCCAGTAAACTGTGGGCGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT TACAGCCGCCCACAGTTTACTGGCT TACAGCCGCCCACAGTTTACTGGCT TCAGCTGCTGGTTGCACCACAGCAGCT TCAGCTGCTGGTTGCACCATCAGTCG TCACTCGCTCGTATGAGCAACCC TTTGCCAACGCGCAACCCCCACAGTTCAA TTTGCCGCACCGTCCGTCATCCAA TTTGAATCGGAGTTGCGCGTTGGAC TTTTGCCGCACCGTCCGTCAGTAG TCTACTACGGAGGGCGGAGGTTCT TACAGCAGGAGCGCGAAAGCTCCTTT TACAGCTGCTCGTATGAGCCACCCCCAAGTTTACTGGCT TTTGAATCGGAGTTGCGCGTTGGAC TTTTGCCGCACCGTCCGTCATCCAA TTTGAATCGGAGTTGCGCGTTGGAC TTTTGAGATCGGAGGGCGGAGGTTCT TTTTGAGATCGGAGGGCGCGAAAGCTCCTTT TCTACTACGGAGGCGCGAAAGCTCCTTT TCTACTACGGAGGCGCGAAAGCTCCTTT TCTACTACGGAGGCGCGAAAGCTCCTTT TCTACTACGGAGGCGCGAAAGCTCCTTT TCTACTACGGAGGCGCGAAAGCTCCTTT TCTACTACGGAGGCGCGAAAGCTCCTTT TCTACTACGGAGGCGCGAAAGCTCCTTT TCTACTACGGAGGTGGCACAATCACT TGGGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCCC TGAGCTCGACGATCGCC TCGAGGACCATAATGGCTGTCCCC TCGAGGACCATAATGGCTGTCCCC TCGAGGACCATAATGGCTGTCCCC TCGAGGACCATAATGGCTGTCCCC TCGAGGACCATAATGGCTGCCC TCGAGGACCATAATGGCTGCCCCCCCCGTCCCCCCCCCC	483	TGCCGCAGGGTCGATAATTGGTCTA	TTAGACCAATTATCGACCCTGCGGC
TCGGATGGGTTGCAGAGTATGGGAT TATCCCATACTCTGCAACCCATCCG 487 TCTGACCTTTGGGGGTTAGTGCGGT TACCGCACTAACCCCCAAAGGTCAG 488 TGGAAATGAGAACCTTACCCCAGCG TCGCTGGGGTAAGGTTCTCATTTCC 489 TAACGCATCGTCCGTCAACTCATCA TTGATGAGTTGACGGACGATGCGTT 490 TTGGAGAGAGACTTCGGCCATTGTT TAACAATGGCCGAAGTCTCTCTCCA 491 TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA 492 TAGCGCGTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT 493 TAGCCAGTAAACTGTGGGCGGCTGT TACAGCCGCCCACAGTTTACTGGCT 494 TCGACTGATGTGCAACCAGCAGCTG TCACTCGCTCGTTGCACATCAGTCG 495 TGGTTGCTCATACGACGAGCGGTG TCACTCGCTCGTATGAGCAACC 10 TGTCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTTGGAC 11 TTTGCCGCACCGTCCGTCATCTCAA TTTGAGTCGCGGAGGTGCGCAA 498 TAGAACCTCCGCCCCCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT 499 TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTGGGCGAAAGCTCCTTT 500 TAGTGATTGTGCCACTCCACAGCTC TGGACCTTGGAGCACACCT 501 TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC 502 TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC 503 TGAGACCCTGCCGCACCTCCGCGCAGAACC TGTTCTGCCGAAGTGACAGCGTCTCCC 503 TGAGACCGTGCACTCCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGTCTCCC 503 TGAGACCGTGCACTCCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGTCTCCC 503 TGAGACCGTGCACCTCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGTCTCCC 503 TGAGACCGTTCACTCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGTCTCCC 504 TGTTCTGCCGGAGTGACAGCGTCTCCCC 505 TGAGACCGTTCACTCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGGTCTCCCC 505 TGAGACCGTTCACTCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGGTCTCCCC 507 TGAGACCGTTCACTCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGGTCTCCCC 507 TGAGACCGTTCACTCCGGCAGAACC TGTTCTGCCGGAGTGACAGCGGTCTCCCC 507 TGAGACCGTTCACTCCGGCAAAACCCTCGACGATCGC TGTTCTGCCGGAGTGACAGCGGTCTCCCC 507 TGAGACCGTTCACTCCGGCAAAACCTTCCCC	484	TAAACGCCGCCCTGAGACTATTGGG	TCCCAATAGTCTCAGGGCGGCGTTT
487 TCTGACCTTTGGGGGTTAGTGCGGT TACCGCACTAACCCCCAAAGGTCAG 488 TGGAAATGAGAACCTTACCCCAGCG TCGCTGGGGTAAGGTTCTCATTTCC 489 TAACGCATCGTCCGTCAACTCATCA TTGATGAGTTGACGGACGATGCGTT 490 TTGGAGAGAGACTTCGGCCATTGTT TAACAATGGCCGAAGTCTCTCTCCA 491 TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA 492 TAGCGCGTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT 493 TAGCCAGTAAACTGTGGGCGGCTGT TACAGCCGCCCACAGTTTACTGGCT 494 TCGACTGATGTGCAACCAGCAGCTG TCAGCTGGTTGCACATCAGTCG 495 TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTCGTATGAGCAACC 10 TGTCCAACGCGCAACTCCCATTCAA TTTGAATCGGAGTTGCGCGTTGGAC 11 TTTGCCGCACCGTCCGTCATCTCAA TTTGAGATGACGGACGGCGCAA 498 TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGAGGGCGCGAAGGTTCT 499 TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCCAAAGCTCCTTT 500 TAGTGATTGTGCCACTCCACAGCTC TGAGCTGGAGTGGCACAATCACT 501 TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC 502 TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC 503 TGAGACCTCCCGCCACCGCAGAAC TGTTCTCCCC 504 TGAGACCGTCCACCCCCCGCAGAGAC TGTTCTGCCGGAGTGACACCCTCGACGATCCC TGAGCACCATAATGGCTGTCCCC 505 TGAGACCCTTCACTCCCGCCAGAACCCTCCGACGATCCCC TCGAGGACCAATAATGGCTGTCCCC TTGAGCACCATAATGGCTGTCCCCCCCCCGACGTCCCCCCCC	485	TCTGAGTTGCCTGGAACGTTGGACT	TAGTCCAACGTTCCAGGCAACTCAG
TGGAAATGAGAACCTTACCCCAGCG TCGCTGGGGTAAGGTTCTCATTTCC TAACGCATCGTCCGTCAACTCATCA TTGATGAGTTGACGGACGATGCGTT TTGGAGAGAGACCTTCGGCCATTGTT TAACAATGGCCGAAGTCTCTCCCA TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TAGCGCGTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT TACAGCCGCCCACAGTTTACTGGCT TACAGCCGCCCACAGTTTACTGGCT TCAGCTGATGTGCAACCAGCAGCTG TCACTCGCTCGTCGTATGAGCAACC TGTCCAACGCGCAACTCCCGATTCAA TTTGAATCGGAGTTGCGCGTAGACCAGCAGA TTTGAACCTCCGCGCCACAGTTCT TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGAGGGGCGAAGGTTCT TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGAGGGCGGAAGGTTCT TAGAACCTCCGCCCCACAGTTCT TTGAGATGGCGGAAGCTCCTTT TAGAACCTCCGCCCCACACGTCC TGGACGTTGGGCGAAAGCTCCTTT TGCGATCGTCGAGGGTTGAGCTGA TTTCAGCTCGACGATCGC TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATCACCC TCGAGGACCATCACCC TCGAGGACCATCACCC TCGAGGACCATAATGGCTGTCCCC TCGAGGACCACACGCTCC TCGAGGACCACACGCTCC TCGAGGACCACACGCTCCCCCCGAGGTTCCCCCCCCCC	486	TCGGATGGGTTGCAGAGTATGGGAT	TATCCCATACTCTGCAACCCATCCG
TAACGCATCGTCCGTCAACTCATCA TTGATGAGTTGACGGACGATGCGTT TTGGAGAGAGACTTCGGCCATTGTT TAACAATGGCCGAAGTCTCTCTCCA TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TAGCCGCTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT TACAGCCGCCCACAGTTTACTGGCT TACAGCCGCCCACAGTTTACTGGCT TCAGCTGCTGGTTGCACATCAGTCG TCACTCGCTCGTTGTCACACCAGCAGCC TCACTCGCTCGTCGTATGAGCAACC TTTGCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTAGTAC TTTGCCGCACCGTCCGTCATCTCAA TTTGAATCGGAGTGCGCGCAAAGCTCCTTT TAATGTTGCCGAAGCGCAACCC TCACTCGCTCGTCGTATGAGCAACCC TTTGCCAACGCGCCAACTCCCACCTCCACCACCTCCTTT TCACTCGCGGCGCGAAGCTCCTTT TCACTCGCGGCGAAAGCTCCTTT TCACTCGCGAGGCGGAGGTTCT TCACTCGCGAAAGCTCCTTT TCACTCGCGAAAGCTCCTTT TCACTCGCGAAAGCTCCTTT TCACTCGCGAAAGCTCCTTT TCACTCCGAAGCTCCTTT TCAGCTCAACCCTCGACGATCACC TGGGAGACAACCCTCGACGATCACC TGGGAGACCAATCACT TTCAGCTCAACCCTCGACGATCCC TCGAGGACCATAATGGCTGTCTCCC TCGAGGACCATTAATGGTCCTCC TCGAGGACCATTAATGGCTGTCTCCC TCGAGGACCAATCACCT TCGAGGACCATTAATGGCTCTCCC TCGAGGACCAATCACCCTCCACAGCTCTCCCCCCGACGATCACCCTCCACAGCGTCTCCCCCCCC	487	TCTGACCTTTGGGGGTTAGTGCGGT	TACCGCACTAACCCCCAAAGGTCAG
TTGGAGAGAGACTTCGGCCATTGTT TAACAATGGCCGAAGTCTCTCCA 491 TTTGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA 492 TAGCGCGTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT 493 TAGCCAGTAAACTGTGGGCGGCTGT TACAGCCGCCCACAGTTTACTGGCT 494 TCGACTGATGTGCAACCAGCAGCTG 495 TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTCGTATGAGCAACC 10 TGTCCAACGCGCAACTCCGATTCAA 11 TTTGCCGCACCGTCCGTCATCTCAA 11 TTGCCGCACCGTCCGTCATCTCAA 11 TTGAGATGACGGAGCGGGGTTCT 499 TAAAGGAGCTTTCGCCCCAACGTACC 500 TAGTGATTGTGCCACTCCACAGCTC 501 TGCGATCGTCGAGGGTTGAGCTTCAA 501 TGCGATCGTCGAGGGTTGAGCTTCCC 502 TGGGAGACAGCCATTATGGTCCTCG 503 TGAGACCTCCCGCCACCTCCC 504 TGTCTCCCCGGCAGACCTCC 505 TGAGACCTCCCGCCACCTCCC 506 TGAGACCTCCCGGCAGAACC TGTTCTGCCGGAGTGACCGTCCCC 507 TGAGACCCTCTCCCCCCACAGCTC TCGAGGACCATAATGGCTGTCCCC 508 TGAGACCCTCCACCTCCCCCGCAGACC TGTTCTGCCGGAGTGACAGCCTCTCCCCCCCCCC	488		TCGCTGGGGTAAGGTTCTCATTTCC
TITGCGCTCATTGGATCTTGTCAGG TCCTGACAAGATCCAATGAGCGCAA TAGCGCGTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT TAGCCAGTAAACTGTGGGCGGCTGT TACAGCCGCCCACAGTTTACTGGCT TCGACTGATGTGCAACCAGCAGCTG TCAGCTGGTTGCACATCAGTCG TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTATGAGCAACC TGTCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTTGGAC TTTTGCCGCACCGTCCGTCATCTCAA TTTGAGTGACGGAGGGCGCGAAAGCTCTGTCTTTTGAACCTCGGAGGCGCGAAAGCTCCTTTTGAACCTCGGAGGTGGGCGAAAGCTCCTTTTTGAGGAGGAGGTGGGCAAAGCTCCTTTTGAGGATGACGAAGCTCCTTTTTGAGGAGGAGGAGGAGGAGGAGGAGGTGCGCAACTCCACAGCTC TGAGCTGTGGAGCACAATCACT TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC TGAGACCGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC	489	TAACGCATCGTCCGTCAACTCATCA	TTGATGAGTTGACGGACGATGCGTT
TAGCGCGTTAAAGCACGGCAACATT TAATGTTGCCGTGCTTTAACGCGCT TAGCCAGTAAACTGTGGGCGGCTGT TACAGCCGCCCACAGTTTACTGGCT TCGACTGATGTGCAACCAGCAGCTG TCAGCTGGTTGCACATCAGTCG TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTATGAGCAACC TGTCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTTGGAC TTTGCCGCACCGTCCGTCATCTCAA TTTGAGTGACGGACGGTGCGCAAA TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT TAGGGTTGTGCCACTCCACAGCTC TGAGCTGTGGACGAAACCT TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTGAGCTG	490	TTGGAGAGAGACTTCGGCCATTGTT	TAACAATGGCCGAAGTCTCTCCA
TAGCCAGTAAACTGTGGGCGGCTGT TACAGCCGCCCACAGTTTACTGGCT TCGACTGATGTGCAACCAGCAGCTG TCAGCTGGTTGCACATCAGTCG TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTATGAGCAACC TGTCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTTGGAC TTTGCCGCACCGTCCGTCATCTCAA TTTGAGATGACGGACGGTGCGGCAA TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT TAGTGATTGTGCCACTCCACAGCTC TGAGCTGTGGACACAATCACT TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC TGAGCACGTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC			TCCTGACAAGATCCAATGAGCGCAA
TCGACTGATGTGCAACCAGCAGCTG TCAGCTGCTGGTTGCACATCAGTCG TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTCGTATGAGCAACC TGTCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTTGGAC TTTGCCGCACCGTCCGTCATCTCAA TTTGAGATGACGGACGGTGCGGCAA TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT TAGGATTGTGCCACTCCACAGCTC TGAGCTGTGGAGTGGCACAATCACT TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC TGAGCACCAGCTC TCGAGGACCATAATGGCTGTCTCCC TGAGCACCAGCTCCCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTCCCC TGAGCACCATCACCCTCGACGATCCCC TCGAGGACCATAATGGCTGTCTCCCC TCGAGGACCATCACCCTCCGCAGCGTCTCCCCCCCCCC			TAATGTTGCCGTGCTTTAACGCGCT
TGGTTGCTCATACGACGAGCGAGTG TCACTCGCTCGTATGAGCAACC 10 TGTCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTTGGAC 11 TTTGCCGCACCGTCCGTCATCTCAA TTTGAGATGACGGACGGTGCGGCAA 498 TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT 499 TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT 500 TAGTGATTGTGCCACTCCACAGCTC TGAGCTGTGGAGTGGCACAATCACT 501 TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC 502 TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC 503 TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC		TAGCCAGTAAACTGTGGGCGGCTGT	TACAGCCGCCCACAGTTTACTGGCT
10 TGTCCAACGCGCAACTCCGATTCAA TTTGAATCGGAGTTGCGCGTTGGAC 11 TTTGCCGCACCGTCCGTCATCTCAA TTTGAGATGACGGACGGTGCGGCAA 498 TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT 499 TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT 500 TAGTGATTGTGCCACTCCACAGCTC TGAGCTGTGGAGTGCACAATCACT 501 TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC 502 TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC 503 TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC		TCGACTGATGTGCAACCAGCAGCTG	TCAGCTGCTGGTTGCACATCAGTCG
11 TTTGCCGCACCGTCCGTCATCTCAA TTTGAGATGACGGACGGTGCGGCAA 498 TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT 499 TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT 500 TAGTGATTGTGCCACTCCACAGCTC TGAGCTGTGGAGTGGCACAATCACT 501 TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC 502 TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC 503 TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC			TCACTCGCTCGTCGTATGAGCAACC
498 TAGAACCTCCGCGCCTCCGTAGTAG TCTACTACGGAGGCGCGGAGGTTCT 499 TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT 500 TAGTGATTGTGCCACTCCACAGCTC TGAGCTGTGGAGTGGCACAATCACT 501 TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC 502 TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC 503 TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC			TTTGAATCGGAGTTGCGCGTTGGAC
TAAAGGAGCTTTCGCCCAACGTACC TGGTACGTTGGGCGAAAGCTCCTTT TOO TAGTGATTGTGCCACTCCACAGCTC TGAGCTGTGGAGTGGCACAATCACT TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC			TTTGAGATGACGGACGGTGCGGCAA
TAGTGATTGTGCCACTCCACAGCTC TGAGCTGTGGAGTGGCACAATCACT TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC TGAGGACCATAATGGCTGTCTCCC TGAGGACCATAATGGCTGTCTCCC TGAGGACCATAATGGCTGTCTCCC TGAGGACCATAATGGCTGTCTCCC TGAGGACCATAATGGCTGTCTCCC			TCTACTACGGAGGCGCGGAGGTTCT
TGCGATCGTCGAGGGTTGAGCTGAA TTTCAGCTCAACCCTCGACGATCGC TGGGAGACAGCCATTATGGTCCTCG TGAGGACCATCACTCCGGCAGAAC TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC		TAAAGGAGCTTTCGCCCAACGTACC	TGGTACGTTGGGCGAAAGCTCCTTT
TGGGAGACAGCCATTATGGTCCTCG TCGAGGACCATAATGGCTGTCTCCC TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC			TGAGCTGTGGAGTGGCACAATCACT
503 TGAGACGCTGTCACTCCGGCAGAAC TGTTCTGCCGGAGTGACAGCGTCTC	501	TGCGATCGTCGAGGGTTGAGCTGAA	TTTCAGCTCAACCCTCGACGATCGC
504 - 500 - 5		TGGGAGACAGCCATTATGGTCCTCG	TCGAGGACCATAATGGCTGTCTCCC
504 TCCACCGGTCGCTTAAGATGCACTT TAAGTGCATCTTAAGCGACCGGTGG			TGTTCTGCCGGAGTGACAGCGTCTC
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TAAGCGGAACGGGTTATACCGAGGT TACCTCGGTATAACCCGTTCCGCTT 507 TTGCACACTAGGTCCGTCGCTTGAT TATCAAGCGACGGACCTAGTGTGCA 508 TAGGGAACCGCGTTCAAACTCAGTT TAACTGAGTTTGAACGCGGTTCCCT 509 TGAATTACAACCACCCGCTCGTGTT TAACACGAGCGGGTGGTTGAATTC 510 TTTCAGTGCTCACGAAACCAGGATT TAATCCATGCTTCGTGAGCACTGAA 511 TTTAGTTTGCGCTTGGGACTTCACC TGGTGAAGTCCCAACGCCAAACTAA 512 TAATGCGACCTCGACGAGCCTCATA TTATGAGGCTCGAGGTTCCGCATT 513 TCCGAAACCGTTAACGTGGCGCACA TTGTGGCCCACGTTAACGGTTTCGG 514 TTAAAGTAACAAGGCGACCTCCAC TGGTGAGGTCCCCTTTTTACTTTA 515 TTAATGATTTTAGTCGCGGGGTGGG TCCCACCCCGCGACTAAAATCATTA 516 TGGCTACTCTAAGTGCCCGC TGCGGGGAGGTGGCCTTTGTTACTTTA 517 TTGGCGGACGACCTCCAGG TCCTGAGGTCGCCCA 518 TGGGCGACGTCAATATCTCACG TCGTGAGATATTGAGTCGCCCA 519 TGCCACCTTTAGACGGCGCTCTAG TCTAGAGCCGCCGTAAAGGTGGC 520 TGAGATGTGTAAACGTGCAGGACC 521 TTAGCTCGTGGCCCCAACGCTTT TCACACGCCCGCGTAAAGGTGGC 522 TGTGTCGGCCCTCAAGCGTG TACACGCTCCAACGCCC 523 TCCAGGGAAGCAACTGTTTGGCCTTACC TGGTAAGGCCAAATAACGCCCCAACCACCTC 524 TTTCCGAAACCTGCTCCAACCGCT TACACGCTTCAGGCCCAACCACTTTCCCTGG 524 TTCCGAGAACCAGCTGCTTTACC TGGTAAGGCCAAATAACGCCCCAACCACCTTTCCCTGG 525 TGCAAACCCGGTAACCCGAGAACCGCT TACACGCTTGGCTTACCGGAACCACCTTCCCTGG 526 TGCAAACCCGGTAACCCGAGAACCGCT TACACGCTTGGCTTACCGGGCTAATTCGGAACCACGTTGCCTTACCCTGG 527 TAGTACTTTCGCCTACC TGGAACCCACATTGCCCTGAGACCCACTTTCGCCTTACC TGGCAAACCCAGTTGCCTTCCCTGG 528 TAAGATCTGCGAGAACCGCT TACACGCTTCGGCTTACCGGGCTAACCCGGTTTGCCTTGCCTTGCCTTACC TGGCAAACCCAGTTGCCTCAACCTGCCTAAACCCGGGAAACCACTTTTCGGAACCCAACTTTCGCTTACCC TGGCTTAAAACCCGAAACCTTTCCCTGGGTTAACCGCCAAACCCGTT TAACCCGGGGAAACCACTTTCCCTGG 528 TAACACCCGGTAACCCAACCGCT TAACGCCCAAAACCACGTTTCCCTGG 529 TGCAAACCCGGTAACCCAACGCT TAACGCCGAAACCCACTTTCCCTGG 520 TGCAAACCCGGTAACCCAACGCTT TAACCCGCGGAAACCCTTTCCCTGG 521 TTCCGGCACAAGGCCTCAATTCATTCTT TCACACCCTCTAAACTTGAGACCAACTTTCCCTGG 522 TAGTACTTTCAACCTTAAGGCCCCAACACGCTT TAACCCTGGGGAAACTTTCCTGC 523 TACCAAACCAGGAACTTTCATTCTT TAACCCACTGTGCATAAAGTTGAGACCAACTTTCCCTGGTGAC 524 TTTCCGTCAAAGGCCCAATTCATTCATCCC TGGGTGAAACCTTCCCTGGTGAC 525 TAGCACAAGGCCTCAATTCATCAC TGCCTTCAAAACCGGCCTAAAACCGGCCTAAAACCGGATTTCATCACC TGGGTTAAAACCG			
TIGGACACTAGGTCCGTCGATT TATCAAGCGACGGACCTAGTGTGCA TAGGGAACCGCGTTCAAACTCAGTT TAACTGAGTTTGAACGCGGTTCCTC TAACTGAGTTTGAACCGCGGTTCCTCT TAACAGCAGGGACCTAGTGTAATTC TAACAGCAGCGGTTGTAATTC TAACAGCAGCGGTTGTAATTC TAACAGCAGCGGTTGTAATTC TAACAGCAGCGGTTGTAATTC TAACACGAGCGGTTGTAATTC TAACACGAGCGGTTGTAATTC TAACACGAGCGGTTGTAATTC TAACACGAGCGGACTCAACCTAA TATTCAGTTTGGACTTGGACACCACCACCACCAACCTAA TAATCGAGCTCGACGCACCACTATA TTATGAGGCTCGACGAGCCTCATA TTATGAGGCTCGCACCACTTCACC TTATGAGGCTCGCACCACTTCACC TTATACAGCTTAACGTTGCGCACCA TTATACAGTTTAACGTTTCCGC TCCGACACCCCCGCGACTTAACCGTTTCCGC TTAATGATTTTAATCCCCGGGGTGGG TCCCACCCCCGCGCACTAACACTTAA TTAAGATTTTAATCTCCCGGGGTGGG TCCCACCCCCGCGCACTAACACTTAA TTAAGAGTTTTAACTTCCACG TTAAGCGCACCTTAACATTCTCACG TTAAGCGCACCTTAACACTCCCC TTAAGCGCACCTTAACACTCCCCC TTAAGCCGCCCCCCCCCC	505	TCGGCATAACGTCCAGTCCTGGGAC	TGTCCCAGGACTGGACGTTATGCCG
TAGGGAACCGCGTTCAAACTCAGTT TAACTGAGTTTGAACGCGGTTCCCT 509 TGAATTACAACCACCCGCTCGTGTT TAACACGAGCGGGTGCCTT 510 TTTCAGTGCTCACGAAGCATGGATT TAATCCATGCTTCGTGAGCACTGAA 511 TTTAGTTTGCGGTTGGGACTTCACC TGGTGAAGTCCCAACGCCAAACTAA 512 TAATGCGACCTCGACGAGGCCTCATA 513 TCCGAAACCGTTAACGTGGCGCACA TGGTGAGGCCCACTTAACGGTTCCGG 514 TTAAGTAACAAGGCGACCTCCCGC TGCGGGGAGGTCGCCTTTACTTTA	506	TAAGCGGAACGGGTTATACCGAGGT	TACCTCGGTATAACCCGTTCCGCTT
TGAATTACAACCACCGGTTGTTT TAACACGAGCGGTTGTTAATTC TTAGTTTGGTGTTGGAAGCATGATT TAATCCATGCTTCGTGAGCACTGAA TTTAGTTTGGCGTTGGGACTTCACC TGGTGAAGTCCCAACGCCAAACTAA TTATGCGAACCCTGACGAGGCCTCATA TTATGAGGCTCGTCGAGGTCGCATT TTAGTTTGGCGTTAACGTTGCGCACA TTATGAGGCTCGTCGAGGTCGCATT TCCGAAACCGTTAACGTGGCGCACA TTATGAGGCTCGTCGAGGTCGCTTTCGG TCCGAAACCGTTAACGTGCCCACC TGCGGGAGGTCGCCTTGTTACTTTA TAATGATTTTAGTCGCGGGGTGGG TCCCACCCCGCGACTAAAATCATTA TGGCGACACCTCAAGTTCCCACG TCCGAGGTCGCCTTGTAACTTTA TGGCGGACGACTCAATATCTCACG TCCTGAGAGTATTGAGTCCCCCA TGGCGACACTTAAGACGGCGCCTCACG TCCTGAGAGTATTAAGTCCCCCACACTAAAATCATTA TGGCGGACGACTCAATATCTCACG TCCTGAGAGATATTGAGCCCCA TGGCGACACTTTAGACGGCGGCTCTAC TCAGAGCCCCCCCCCC	507	TTGCACACTAGGTCCGTCGCTTGAT	TATCAAGCGACGGACCTAGTGTGCA
510 TITICAGTGCTCACGAAGCATGGATT TAATCCATGCTTCGTGAGCACTGAA 511 TITIAGTTTGGCGTTGGGACTTCACC TGGTGAAGTCCCAACGCCAACTAA 512 TAATGCGACCTCGACGAGCCTCATA TTATGAGGCTCGACGCCAACTAA 513 TCCGAAACCGTTAACGTGGCGCACA TTGTGCGCCACGTTAACGGTTTCGG 514 TTAAAGTACAAGGCGGACCTCCCGC TGCCGGAGGTCGCCTTGTTACTTTA 515 TTAATGATTTAGTCGCGGGGTGGG TCCCACCCCCGCGACTAAAATCATTA 516 TGGCTACTCTAAGTGCCCCGCTCAGG TCCTGAGGGGCACTAAAATCATTA 517 TTGGCGGACGACTCAATATCTCACG TCCTGAGGGGCACTAAAATCATTA 518 TGGCGGTTAGGCGTAATATCTCACG TCCTGAGGGGCACTAAAATCATTA 519 TGCCACCTTTAGACGGCGGGTCTAG TCCTGAGCGGGCACTAAAAGCCCC 519 TGCCACCTTTAGACGGCGGGCTCTAG TCTAGAGCGCCCCTAACGCCC 520 TGAGATGTAAACGTGCAGGCACC TGGTGCCTGACGCCT 521 TTAGCTCGTGGCCCTCCAAGGCTCT TACACGCCTCTGAGACTACGCCC 522 TGTGTCGGCCCTCCAAGGCTCT TACACGCCTTTAGACGTGGC 523 TCCAGGGAACCACTGGTTGCCATT 524 TTTCCGAAACTAAGCCAGCACT TAATGCCACCAGTTTCCCTGG 524 TTTCCGAAACTAAGCCAGAACCGT TAATGCGCACCAGTTTCCCTGG 525 TGCAAACCCGGTAACCCGAGAGTTC TAATGCCAACCAGTTTCCCTGG 526 TGCAAACCCGGTAACCCGAGAGTTC TAATGCGCACCAGTTTCCCTGG 527 TAGTACTTTCGCGCCTACTTTAGAC 528 TAGCAATGGCGCACCTTAGAGCAGCTT 529 TGCAAACCCGGTAACCCGAGAGTTC TAAGCCGGGATCCCGGGTTTCCCTGG 520 TAGCAATGGCGCCAACTTCACCGACTTTAGACTCCCCCAGTTTGC 521 TAGTACTTTCGCGCCCAGTTTAGGC 522 TAGCAAACCCGGTAACCCGAACCGT TAAGCCGGGATGCCTCGCAAATTCC 523 TCCAGAACCCGGTAACCCGAACCGT TAACCTCGGGTTACCGGGTTTCCCTGG 524 TTTCCGAAACCCGGTAACCCGAACCGT TAAGCCAGCTCTGCAAAATCACTGC 525 TGCAAACCCGGTAACCCGAACCGT TAAGCCAGCGCGAAAACTACCTTGC 526 TGCAAACCCGGCTAATCACCAACGATTCTTCCTTGGCTAAACTTCCCCCCAGATCTT 529 TGCAAACTCCGCCCAATTCATCTTC TCAGAATGAACTTGAACCCCCAAATCCCTGCAAATCCCTGCAAATCACTTGC 530 TCCGACAAGGCCTCAATTCATCTTC TCAGAATGAATTGAGCCCTCCCAGACTTGC 531 TGTCCCAGAGGAACTCCCGGCTT TAAGCCACAGTGCAAAACTCCCTCGCGAAATCACTTGC 531 TGTCCCAGGAGGAACCACTCACGAGCT TCCAGAACTCCCTGCGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTCCCTGGAAACTTCCCTCTGGGAAACTTCCCTCTGGGAAACTTCCTTGCAGAAATATCCACCAGCCCAACCAGCGCCAACCAGCGCCCAACCAGCCGCC	508	TAGGGAACCGCGTTCAAACTCAGTT	TAACTGAGTTTGAACGCGGTTCCCT
511 TITAGTTTGGCGTTGGGACTTCACC 512 TAATGCGACCTCGACGAGCCTCATA 513 TCCGAAACCGTTAACGTGGCGCACA 514 TITAGAGTACCACGGCGCACA 515 TICCGAACCGTTAACGTGGCGCACA 515 TICCGACACGCGTTAACGTGCGCCACA 516 TIGCGGAGTCGCCTTTTTACTTTA 517 TITAGTGCGCCACGTTAACGTTTCGG 518 TGGCTACTCTAAGTGCCCGCCTCAGG 519 TGCCACCCCGCGACTTAACGTTACGCCC 519 TGCGACCTTAAGTGCCCGCTCAGG 520 TGAGATGTAACGTGGCGCACC 521 TTAGCTCTAAGCGCGCGCCCACG 522 TGTGTCGGCCCTCCAGC 523 TCCAGCCGCCACGTTTACACTCC 524 TTTCCGAACCTCTCAAGCTCCCCC 525 TGCAAACCCGTTAAGCTCCCCCCCCCCCCCCCCCCCCCC	509	TGAATTACAACCACCCGCTCGTGTT	TAACACGAGCGGGTGGTTGTAATTC
512 TAATGCGACCTCGACGAGCCTCATA 513 TCCGAAACCGTTAACGTGGCGCACA 514 TTAAAGTAACAAGGCGACCTCCCGC 515 TTAATGATTTTAGTCGCGGGGTTGGG 516 TGGCTACTCTAAGTGCCGCGCTCAGG 517 TTAGGCGCACCTTAACGTGCCGCTCAGG 518 TGGCGACACTCAATATCTCACG 519 TGCCACCCCGCGACTAAAATCATTA 516 TGGCTACTCTAAGTGCCCGCTCAGG 517 TTGGCGGACGACTCAATATCTCACG 518 TGGGCGTTAAGGCGGTAATAGACCGTC 519 TGCCACCTTTAGACGCGCGACTCAATATCTCACG 510 TGGCACCTTTAGACGCGCGACTCAGG 511 TTAGCTGACGCGTAATAGACCGTC 512 TGAGATGTTAAACGTGCAGGCACCC 513 TGCCACCCTTTAGACGGCGGCTCTAGG 520 TGAGATGTGTAAACGTGCAGGCACCC 521 TTAGCTCGTGGACCCTCCAAGCCGTC 522 TGTGTCGGCCCTCCAAGCCGTT 523 TCCAGGGAACCAACTGGTTGCCATT 524 TTTCCGAAACTAGCCACCACCGTT 525 TGCAAACCCGGTAATAGCCACCT 526 TGCAAACCCGGTACCACCACCGTT 527 TGCAAACCCGGTACCCGACACCGTT 528 TACACTTTCGCCCCAAGCTTT 529 TGCAAACCCGGTCATGCACCGACCGTT 529 TGCAAGGCCCCACGTTTAGGC 520 TGCACACAGGCCCCACGATTTTCGCCTTACC 521 TTACCTTTAGCCCCACGACCGTT 522 TGTGTCGGCCCACTTTTTCGCCTTACC 523 TCCAGGGAACCACTTTTTCGCCTTACC 524 TTTCCGAAACTAAGCCAGAACCGCT 525 TGCAAACCCGGTAACCCGACGTT 526 TGCAAACCCGGTACCCGACGACCT 527 TAGTACTTTCGCGCCCAGTTTTAGGC 528 TAAGATCTGCGACGAACCGT 529 TGCAAATGGCGCCCAGTTTAGGG 529 TGCAAGGCCTCAATTCATTCTG 520 TGCACACAGGCCTCCAATTCATTCTG 520 TGCACACAGGCCTCCAATTCATTCTG 521 TACCCACAGGACCTCCAATTCATTCTG 522 TGCCACCAAGGCCTCCAATTCATTCAGCCC 523 TCCCACAAGGCCTCCAATTCATTCAGCCC 524 TTTCCGTCAAGCCACACGTT 525 TACTCACAGGAGACCTT 526 TGCAAACCGCTCAATTCATCACCC 527 TAGTACTTTCAACCTTTAAGGCCC 528 TACCACAGGACCCTTTACACCACC 530 TCCCACAAGGCCTCCAATTCATCACCC 531 TGTCCCCTCCAGCCCAATTCATCCC 532 TATCCAGAGAGCACCACCCC 533 TGTCACCAGGAGAACCACCCC 534 TTTCCGTCAGCCGAATTTCATCCC 536 TTGGGCCCCACTTTACTAGACCC 537 TCCTAGCCGGAACCACCCC 538 TTTCCGTCAGCCCAATTCACCACC 539 TTCCTAGCCCAGAATTCACCACC 530 TTCCACACAGGAATTTCACCCC 530 TTCCACACAGGAATTCACCACCC 531 TATCCCTCACCTTTCATAGA 532 TATCCACAGGAATTCACCACCC 533 TTTCCACCACGAATCACCACCCC 534 TTTCCGTCAGCCCAATTCACCACC 536 TTGGCCCCCACTTTCATACCACCC 537 TCCTAGCCCGACTTCCACCACCCC 538 TTTCCGCCCCACATTCCCCTCTCTCCCCCCCCCCCCCCC	510	TTTCAGTGCTCACGAAGCATGGATT	TAATCCATGCTTCGTGAGCACTGAA
513 TCCGAAACCGTTAACGTGGCGCACA 514 TTAAAGTAACAAGGCGACCTCCCGC TGCGGGAGGTCGCCTTGTTACTTTA 515 TTAATGATTTTAGTCGCGGGGTGGG TCCCACCCCGCGACTAAAATCATTA 516 TGGCTACTCTAAGTGCCCGCTCAGG TCCTGAGCGGGCACTTAGAGTAGCC 517 TTGGCGGACGACTCAATATCTCACG TCGTGAGAGATATTGAGTCGCCCA 518 TGGCCGTTAGGCGTAATAGACCGTC TGACGGTCTATTACGCCTAAAGGCCCC 519 TGCCACCTTTAGACGGCGGCTCTAG TCTAGAGCCGCCGTAAAAGTCATTA 520 TGAGATGTGTAAACGTGCAGGCACC TGGTGCCGCACGTTAAAGGTGGC 521 TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCCTCTAAAGGTGGC 522 TGTGTCGGCCCTCCAAGCGTGT TACACGCTTGACCCCGCACGCCGTTTACACACTCTC 523 TCCAGGGAAGCAACTGGTTGCCATT TAATGGCAACCAGTTGCTTCCCTGG 524 TTTCCGAAACTAAGCCAGAACCGCT TGGTAAACGGCCACACACACACACACACACACACACACAC	511	TTTAGTTTGGCGTTGGGACTTCACC	TGGTGAAGTCCCAACGCCAAACTAA
514 TTAAAGTAACAAGGCGACCTCCCGC TGCGGGAGGTCGCCTTGTTACTTTA 515 TTAATGATTTTAGTCGCGGGGTGGG TCCCACCCCGCGACTAAAATCATTA 516 TGGCTACTCTAAGTGCCCGCTCAGG TCCTGAGCGGGCACTTAGAGTAGCC 517 TTGGCGGACGACTCAATATCTCACG TCGTGAGATATTGAGTCGCCCA 518 TGGCGGTTAGGCGTAATAGACCGTC TGACGGTCTATTACGCCTAACGCCC 519 TGCCACCTTTAGACGGCGGCTCTAG TCTAGAGCCGCCGTAAAGGTGGC 520 TGAGATGTAAACACGTC TGACGCTCACACGTTTACACATCTC 521 TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGCACGGTTACACATCTC 522 TGTGTCGCGCCAAGCGTGT TACACGCTTGGAGGGCCCACACACACACACACTTCC 523 TCCAGGGAACCAGCTTTACC TGGTAAGGCCCACAACACACTTCCCTGG 524 TTTCCGAAACTAAGCCAGAACCGCT TAGCGGTTCTGCCTTGGAA 525 TGCAAACCCGGTAACCCGAGAGTTC TGAACTCTCGGGTTACCCTGGA 526 TGCAAATGGCGTCACCAGAACCGT TAGCGGTTCTGCCTTAGTTTCGGAA 527 TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCCCAAATACC 528 TAAGATCTCGCGACACACGT TACCTTAGATTCCGGGTTTGC 529 TGCAAACCCGGTAACCCGAGACGT TACCTCAGGTTACCGGGTTTGC 520 TGCAAATGGCGTCATGCACGAACCGT TACCTCAGGATGCCTTACTTTGC 521 TGCAAATGGCGTCATGCACGAACCGT TACCTCAGGATGCCTCGCAGATCTT 522 TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTTGGCGCCAAATCCT 523 TACCAAGGCCTCATTCATTCTG TCAGAATGAATTGAGGCCCTATTGC 524 TACCACAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGCCAGATCTT 525 TGCAAATGGATCACAGTGCGATT TAATCCCACTTGCAATTGCACACGCCTTTTACACTTTGCGG 526 TGCAAATGGATCACAGTGCAATT TAATCCCACTTGCAAACCTTGCCAGAACCTTTGC 527 TAGTACTTTAAGGCGCC TCGCAGATCATTGCAGCCTTTAAGGCTTGCAAACCGGATCATTGCACAGTCCAATTCATTC	512	TAATGCGACCTCGACGAGCCTCATA	TTATGAGGCTCGTCGAGGTCGCATT
515 TTAATGATTTTAGTCGCGGGGTGGG TCCCACCCCGCGACTAAAATCATTA 516 TGGCTACTCTAAGTGCCCGCTCAGG TCCTGAGCGGGCACTTAGAGTAGCC 517 TTGGCGGACGACTCAATATCTCACG TCGTGAGATATTGAGTCGCCCA 518 TGGGCGTTAGGCGTAATAGACCGTC TGACGGTCTATTACGCCTAAAGGTCGCC 519 TGCCACCTTTAGACGGCGGCTCTAG TCTAGAGCCGCCGTCTAAAGGTGGC 520 TGAGATGTGAAACGTGCAGGCACC TGGTGCCTGCACGTTTACACATCTC 521 TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGGAGGGCCACGAGCTA 522 TGTGTCGGCGCTCTAAGCTTACC TGGTAAGGCCAAATAGCGCCGACAC 523 TCCAGGGAAGCAACTGGTTGCCATT TAATGGCAACCAATTGCTTCCCTGG 524 TTTCCGAAACCAGACCGT TAGCGGTTCTGGAGGCCACACACACACACACACACCGT TACACACCAGTTACTTCCCTGG 525 TGCAAACCCGGTAACCCAGAACCGT TAGCGGTTCTGGCTTAGTTTCGGAA 526 TGCAAACCCGGTAACCCAGAACCGT TAGCGGTTCCTGGATTGCC 527 TAGTACTTTCGCGCCCAGAGTTC TAACGTCGGCTTAGCCCCATTTGC 528 TAAGATCTGCGCCCAGTTTAGGG TCCCTAAACTGGCGCGAAAGTACT 529 TGCAAGTGTATCGCACCAGACCT TAAGCCGGGATGCCCCAGTTTGC 530 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAGCCCCAGATCTT 529 TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGATACACTTGC 531 TGTCTCGTCCAACTTTAAGGCGCG TCGCGCATTAAGTTGAGACCACACTGGC 532 TATCCAGAGAGCACTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGCGA 533 TGTCACCAGGAGGAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACCAGAC 534 TTTCCGTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACCAGAC 535 TATCCAGAGAGGAACACGTTTCACCC TGGGTGAAACCTTCCCTCCTGGTGAC 536 TTGCGCCGAGACCATTTACACAGGC TCCCTGTTAAACTTGCCCCTGACGGAA 537 TCCTAGCGCGAGTTCAACAGGAT TATTCCGTTTGAAACTTGCGCCCAGAAC 538 TTGCCCGGACACGCATTTACACAGGC TCCTGTGTAAACTTGCCCCTGACGGAA 539 TGCCTAACCAGGAGTTCAACAGGAT TATTCCGTTTGAAACTTGCGCCCAAGCGCCCAA 539 TGCTGCGGCCTTTACATAGA TTCTTAAGACCACAACCGAACCAACCGCATTACACAGG 530 TTCTGACCAGGAACTTTCATACAA TTCTTGAACACAGCACCAACCAGCAGCCCAA 531 TTGCCCACAAACAGGAAT TATTCCGTTGAAACCAGGACCAACCAACCAGCAGCAACCAATTCCATTCAACAACCAGAACCAACC	513	TCCGAAACCGTTAACGTGGCGCACA	TTGTGCGCCACGTTAACGGTTTCGG
516 TGGCTACTCTAAGTGCCCGCTCAGG TCCTGAGGGGGCACTTAGAGTAGCC 517 TTGGCGGACGACTCAATATCTCACG TCGTGAGATATTGAGTCGTCCGCCA 518 TGGCCGTTAGGCGGACGACTCAATATCTCACG TCGTGAGATATTGAGCCGCCCA 519 TGCCACCTTTAGACGGCGGCTCTAG TCTAGAGCCGCCGTCTAAAGGTGGC 520 TGAGATGTGAAACGTGCAGGCACC TGGTGCCTGCACGTTTACACATCTC 521 TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGGAGGGCCACGAGCTA 522 TGTGTCGGCGCTATTTGGCCTTACC TGGTAAGGCCGCACACTAGCCCCAAGCGTGT TACACGCTTGGAGGGCCACACACCGCTTTTCCAAGCCGCGCACACCTAGCCCCAAGCACCACTTTCCAAGCCAACCAGTTTCCCTTGGAAGCCAAACCAGTTTCCCTTGGAAACCCAGTTTCCCTTGGAAACCCAGTTTCCCTTGGAAACCCAGTTTCCCTTGGAAACCCAGTACCCAGAACCCGT TAGCGGTTCTCGCTTAGTTTCGGAA 523 TCCAGGGAAGCAACTGGTTGCCATT TAATGGCAACCAGTTGCTTCCCTTG 524 TTTCCGAAACCCAGAACCCGT TAGCGCTTCTCGGCTTAGTTTCGGAA 525 TGCAAACCCGGTAACCCAGAACCGT TAGCGTTCTCGGCTTAGTTTCGGAA 526 TGCAAATGGCGTCATGCACGAACGT TACCTTCGGGTTACCCGGGTTTGC 527 TAGTACTTTCGCGCCCAGATTTAGGG TCCCTAAACTGGGCCGCAAAGTACT 528 TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCGCAGATCTT 529 TGCAAGTGTATCGCACCAGTGCGATT TAATCGCACTTGCGAGAACCTTGC 530 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGCGAGACCT 531 TGTCTCGTCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACCAGACC	514	TTAAAGTAACAAGGCGACCTCCCGC	TGCGGGAGGTCGCCTTGTTACTTTA
TIGGCGGACGACTCAATATCTCACG TCGTGAGATATTGAGTCGTCCGCCA 518 TGGGCGTTAGGCGTAATAGACCGTC TGACGGTCTATTACGCCTAACGCCC 519 TGCCACCTTTAGACGGCGGCTCTAG TCTAGAGCCGCCGTCTAAAGGTGGC 520 TGAGATGTGAAACGTGCAGGCACC TGGTGCCTGCACGTTTACACATCTC 521 TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGGAGGGCCACGAGCTA 522 TGTGTCGGCCGCTATTTGGCCTTACC TGGTAAGGCCAAATAGCGCCGACAC 523 TCCAGGGAAGCAACTGGTTGCCATT TAATGGCAACCAGTTGCTTCCCTGG 524 TTTCCGAAACTAAGCCAGAACCGCT TAGCGGTTCTGGCTTAGCTTTGGAA 525 TGCAAACCCGGTAACCGAGAGTTC TGAACTCTCGGGTTACCGGGTTTGC 526 TGCAAATGGCGTCATGCACGAACCGT TACGTTCGTGATGACGCCATTTGC 527 TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCGCGAAAGTACT 528 TAAGATCTGCGACCAGTTTAGGG TCCCTAAACTGGGCGCGAAAGTACT 529 TGCAAGTGTATCGCACCAGTACCGGATT 529 TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGGATACACTTGC 530 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTTACGGATACACTTGC 531 TGTCTCGTCTCAACTTTAAGGCGCC TCAGAATGAATTGAGGCCTTAAAGTTGAGGCCTTGCGATACACTTGC 532 TATCCAGAGAGCCTCAATTCATTCTG TCAGCAAAACGGATCTCTGGAT 533 TGTCACCAGGAGGAACGTTTCACCC TGGGTGAAACTTCCCTCCTGGTGAC 534 TTTCCGTCTCAACGTTTTCACCCC TGGGTGAAACTTCCCTCCTGGTGAC 535 TATGCCCAGGAGGAACGATTTCACCC TGGGTGAAACTTCCCTCCTGGTGAC 536 TGGGCCGCTTGGCGCTTTCATAGA TTCCTTGGTCCAGCGCAT 537 TCCTAGCGGACACGCATTACACAGGC TCGGTGCAAAACGGCCCCAA 538 TTTGGCCAGGAACTATCATTCACCAG TTCATGAAACTTCCTCTCTGCCGCAA 539 TGTCTCCGGCCGACTTTACTGACCAG TTCTATGAAACTTCCTCTCTGCCCAAA 539 TGTCTCCGGCCGACTTTCATAGA TTCCTAGCGCCCAAACGGCCCCA 530 TGTCTCCGGCCGACTTTCATAGA TTCCTAGCAAAACTCCCTTGGCCAAA 531 TAGCCTCAGCAAATATGGTCTCAAGA 532 TATCCAAGAAACTATCCTTCAAGA TTCTATGAAAACTTCCTTCGCCCAAAC 533 TAGCCAAGAACATTCCTTCCAACGAAT TATTCCAAAAACTTCCTTCGCCAAA 534 TTTCCGTCAACTTTACTAACAAGAC TCTGTTCAAACTTTCCTTCCGCCAAA 535 TATGCCAAGAAATATGGTCTCAACA 536 TTGGCCAAACAACAGACCATTCCATT TATACTTCCAAAACTAGCCAAACTCCCTTAGCAT TATACTTCCAAACAGACCATTCCATT	515	TTAATGATTTTAGTCGCGGGGTGGG	TCCCACCCGCGACTAAAATCATTA
TGGGCGTTAGGCGTAATAGACCGTC 519 TGCCACCTTTAGACGGCGGCTCTAG 520 TGAGATGTGTAAACGTGCAGGCACC 521 TTAGCTCGTGGCCCTCCAAGCGTGT 522 TGTGTCGGCGCCTCCAAGCGTGT 522 TGTGTCGGCGCCTCCAAGCGTGT 523 TCCAGGGAACCACTTTTGGCCTTACC 524 TTTCCGAAACTAGCCAGACCGCT 525 TGCAAACCAGCTGGTTGCCATT 526 TGCAAACCAGGTTGCCATT 527 TAGCACCGGTAACCGGAACCGCT 528 TGCAAACCCGGTAACCCGAACCGCT 529 TGCAAACCCGGTAACCCGAACCGCT 520 TGCAAACCCGGTAACCCGAACCGCT 521 TTCCGAAACTAAGCCAGAACCGCT 522 TGCAAACCCGGTAACCCGAACCGCT 523 TCCAGGGAAGCAACCGGTT 524 TTTCCGAAACTAAGCCAGAACCGCT 525 TGCAAACCCGGTAACCCGAGACGT 526 TGCAAACCCGGTAACCCGAGACGT 527 TAGTACTTTCGCGCCCCAGTTTAGGG 528 TAAGATCTGCGGCCCAGTTTAGGG 529 TGCAAAGTGTATCCCACCGAACCGT 529 TGCAAAGTGTATCCCACCGAACCGT 529 TGCAAAGTGTATCCCACCAGACGT 530 TCCGACAAGGCCTCAATTCATTCTG 531 TGTCTCGTCTCAACTTTAAGGCGCG 532 TATCCAGAGACCCGTTTAAGCCGGATT 533 TGTCACCAGGAGGAACCGTTTAAGCCGCCTTAAAGTTGAGACCGAGAC 534 TTTCCGTCTCAACTTTAAGGCGCG 535 TATCCAGGAGGGAACCGTTTCACCC 536 TGCACAGGGGGAACCGTTTCACCC 537 TCCTAGCGCGGATCAACGGAAT 538 TATGCCGGACACGCGTTTACACCAGG 539 TGTCACCAGGAGCATTACACAGGC 530 TCCTAGCGCGAATTACACAGGC 531 TCCTAGCGCGAACAGCGCTTTCATAGA 532 TATGCCGGACACGCATTACACAGGC 533 TCCTAGCGCGAACCGCTTTCATAGA 534 TTTCCGTCAGGCGGATTACACAGGC 535 TATGCCGGACACGCATTCACACGAA 536 TTGGCCCGCAACCGCATTACACAGGC 537 TCCTAGCGCGAACCGCTTTCATAGA 538 TTTCAGCAGGAACATTCACCAGG 539 TGTCTCCGCCAACCGAATTACACAGGC 530 TCCTAGCGCGAACTTCCTACGAAT 531 TATGCCAGGAACATTACACAGCC 532 TATGCAGCAGAATATGACACGAAT 533 TATGCCAGGAACATTCCCTTCGAGA 534 TTTCCGTCAGCACAACCGATTCACAGAC 535 TATGCCAGGAACATTCACCAGG 536 TTGGCCAGGAACCATTCCCTTCAGAT 537 TCCTAGCCGCAGACCATTCCCTTCAGAT 538 TATGCCAGGAACATTCCCTTCCAGAA 539 TATGCCAGGAACATTCCCTTCCAGAA 539 TATGCCAGGAACATTCCCTTCCAGAACCAAACCGACCAACCGACCCAACCGACCAACCGACCAACCGACCAACCGACCAACCGACCAACCGACCAACCGACCAACCAACCGACCAACCAACCGACCAAC	516	TGGCTACTCTAAGTGCCCGCTCAGG	TCCTGAGCGGGCACTTAGAGTAGCC
TGCCACCTTTAGACGGCGGCTCTAG TGAGAGCCGCGCTCTAAAGGTGGC TGAGATGTGTAAACGTGCAGGCACC TGAGACGCTGCACGGTTTACACACTCTC TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGGAGGGCCCACAGACCC TGTGTCCGCGCCTATTTGGCCTTACC TGGTAAGGCCACAATAGCGCGCACACACACACACACACAC	517	TTGGCGGACGACTCAATATCTCACG	TCGTGAGATATTGAGTCGTCCGCCA
TGAGATGTGTAAACGTGCAGGCACC TGGTGCCTGCACGTTTACACACACTCTC TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGGAGGGCCCACAGACCTA TTAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGGAGGGCCCACAGACCCACACACACACACAC	518	TGGGCGTTAGGCGTAATAGACCGTC	TGACGGTCTATTACGCCTAACGCCC
TITAGCTCGTGGCCCTCCAAGCGTGT TACACGCTTGGAGGGCCACGAGCTA TGTTCGGCGCTATTTGGCCTTACC TGGTAAGGCCAAATAGCGCCGACAC TCCAGGGAAGCAACTGGTTGCCATT TAATGGCAACCAGTTGCTTCCCTGG TAGCGGTTCTCGCTTGCAAACCAGTTGCTTCCCTGG TGCAAACCCGGTAACCCGAGAGTTC TGCACACCCGGTAACCCGAGAGTTC TGCACACCGGTTACCGGGTTTCGGAA TGCAAATGGCGTCATGCACGAACGT TACGTTCGGGCTTACCGGGTTTCCGGAA TACGTTCGGCCCCAGTTTTAGGG TCCCTAAACTGGGCCCCAAACTCCT TAAGATCTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCCCCAAACTCT TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCCAGATCTT TAATCGCACTGTGCGAAACTCTGC TCCGACAAGGCCTCAATTCATTCTG TCAGACTGTGCGAAACTTGCACGAGACT TACCCACAAGGCCTCAATTCATTCTG TCAGCACTGTGCGAACCTTGCGG TCCGCCCTTAAAGTTGAGACCGAGAC TACCCACAGAGCCTCAATTCATTCTG TCAGCACAACGGATCTCTGGAT TACCCAGAGATCCGTTTTACGCGCGT TACGCCTTAAAGTTGAGACCGAGAC TACCCAGGAGGGAAGTTTCACCC TGGGTGAAACTTCCCTCCTGGTGAC TTTCCGTCAGCGGGATCACCGGAAT TATTCCGTTCAGCGTTTACACAGGC TTCCTAGCGCGGAACACGCATTACACAGGC TTCCTAGCGCGGACACCGCATTACACAGGC TCCTAGCGCCGCCTTAGGCCCAA TTCCAGCGCGGACTTTACACAGGC TCCTAGCGCCCAAGCGGCCCAA TTCCAGCCGCGACTTTACACAGGC TCCTAGCGCCAAACCGCCCAAGCGGCCCAA TTCCAGCGCGAACTTTCATAGA TTCCAGCAGAACTTCCCCCCAACCGCCCCAACCGCCCCAACCGCCCCAACCGCCCCAACCGCCCCAACCGCCCCAACCGCCCCAACCGCCCCAACCCGCCCCAACCCGCCCCAACCCGCCCCAACCCGCCCCAACCCGCCCCAACCCGCCCCAACCCGCCCCCAACCCGCCCCAACCCGCCCCAACCCGCCCCAACCCGCCCCCAACCCGCCCCCAACCCGCCCCCAACCCGCCCCCC	519	TGCCACCTTTAGACGGCGGCTCTAG	TCTAGAGCCGCCGTCTAAAGGTGGC
TGTGTCGGCGCTATTTGGCCTTACC TGGTAAGGCCAAATAGCGCCGACAC TCAGGGAAGCAACTGGTTGCCATT TAATGGCAACCAGTTGCTTCCCTGG TTCCGAAACTAAGCCAGAACCGCT TAGCGGTTCTGGCTTAGTTTCGGAA TGCAAACCCGGTAACCCGAGAGTTC TGCAAACCCGGTAACCCGAGAGTTC TGAACTCTCGGGTTACCGGGTTTACCGGGTTTGC TGCAAATGGCGTCATGCACGAACGT TAGCGTTCTGGCACCCATTTGC TAGTACTTTCGCGCCCAGTTTAGGG TCCTAAACTGGGCCGCAAATACT TAAGCCGGGATGCCTCGCAGAACTT TAAGCCGGGATGCCTCGCAGAACTT TAAGCCGGGATGCCTCGCAGAACTT TAAGCCGGGATGCCTCGCAAATACTTTGC TCCTAAACTGGGCCGCAAATACACTTGC TAAGACTGTGCGACAGTGCGATT TAATCCCACTGTGCGAAAGTACTTT TAAGCCACTGTGCGAAACTACACTTGC TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTTTACAGACCCTTTAAAGTTGAGACCAGACCTTGCGATACACTTTGCAGATTTTTTTT	520	TGAGATGTGTAAACGTGCAGGCACC	TGGTGCCTGCACGTTTACACATCTC
TCCAGGGAAGCAACTGGTTGCCATT TAATGGCAACCAGTTGCTTCCCTGG 524 TTTCCGAAACTAAGCCAGAACCGCT TAGCGGTTCTGGGTTACTTTCGAA 525 TGCAAACCCGGTAACCCGAGAGTTC TGAACTCTCGGGTTACCGGGTTTGC 526 TGCAAATGGCGTCATGCACGAACGT TACGTTCGTGCATGACGCCATTTGC 527 TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCGCGAAAGTACT 528 TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCGCAGATCTT 529 TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGATACACTTGC 530 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG 531 TGTCTCGTCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACCAGACC	521	TTAGCTCGTGGCCCTCCAAGCGTGT	TACACGCTTGGAGGGCCACGAGCTA
TITICCGAAACTAAGCCAGAACCGCT TAGCGGTTCTGGCTTAGTTTCGGAA 525 TGCAAACCCGGTAACCCGAGAGTTC TGAACTCTCGGGTTACCGGGTTTGC 526 TGCAAATGGCGTCATGCACGAACGT TACGTTCGTGCATGACGCCATTTGC 527 TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCGCGAAAGTACT 528 TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCGCAGATCTT 529 TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGGATACACTTGC 530 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG 531 TGTCTCGTCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACCGAGAC 532 TATCCAGAGATCCGTTTTGCAGCGT TACGCTGCAAAACCGGATCTCTGGAT 533 TGTCACCAGGAGGGAAGTTTCACCC TGGGTGAAAACCGGATCTCTGGAT 534 TTTCCGTCAGGCGGATCAACGGAAT TATTCCGTTGATCCGCCTGACGGAA 535 TATGCCGGACACGCATTACACAGGC TGCCTGTAAGGTTCCGCCTGACGGAA 536 TGGGCCGCTTTGCGCGCTTTCATAGA TTCTATGAAAGCCGCCAAGCGGCCCA 537 TCCTAGCGCGAGCTTTCATAGA TTCTATGAAAGCTCGCGCTAGG 538 TTTGGCCAGGAATATGGTCTCGAGA TCTTGGTCACGAA 539 TGTCTGCGGCCGACTTTCATAGA TCTTTCTGGCCAA 530 TGCTGCGCGCGACTTTCATAGA TCTTTTCTGGCCAA 531 TAGCTCAGCGAGCTTTCATAGA TCTTTTTCTTTTTTTTTT	522	TGTGTCGGCGCTATTTGGCCTTACC	TGGTAAGGCCAAATAGCGCCGACAC
TGCAAACCCGGTAACCCGAGAGTTC TGAACTCTCGGGTTACCGGGTTTGC TGCAAATGGCGTCATGCACGACGT TACGTTCGTGCATGACGCCATTTGC TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCGCGAAAGTACT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAATCGCACTGTGCGATCACTTTCG TCAGAATGAATTGAGGCCTTGTCGG TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG TCCGACAAGGCCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACGAGAC	523	TCCAGGGAAGCAACTGGTTGCCATT	TAATGGCAACCAGTTGCTTCCCTGG
TGCAAATGGCGTCATGCACGAACGT TACGTTCGTGCATGACGCCATTTGC TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCGCGAAAGTACT TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAATCGCACTGTGCGATACACTTGC TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCGCT TACCCACAGGAGCACCTTTTAAGGCGCG TCCGCCCTTAAAGTTGAGACGAGAC	524	TTTCCGAAACTAAGCCAGAACCGCT	TAGCGGTTCTGGCTTAGTTTCGGAA
TAGTACTITCGCGCCCAGTITAGGG TCCCTAAACTGGGCGCGAAAGTACT TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAAGCCGGGATGCCTCGCAGATCTT TAACCCACTGTGCGATACACTTGC TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGCGG TCCGACAAGGCCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACGAGAC	525	TGCAAACCCGGTAACCCGAGAGTTC	TGAACTCTCGGGTTACCGGGTTTGC
TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCGCAGATCTT TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGATACACTTGC TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG TGTCTCGTCTC		TGCAAATGGCGTCATGCACGAACGT	TACGTTCGTGCATGACGCCATTTGC
TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGATACACTTGC TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG TTCCGTCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACGAGAC	527	TAGTACTTTCGCGCCCAGTTTAGGG	TCCCTAAACTGGGCGCGAAAGTACT
TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG TGTCTCGTCTC	528	TAAGATCTGCGAGGCATCCCGGCTT	TAAGCCGGGATGCCTCGCAGATCTT
TGTCTCGTCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACGAGAC	529	TGCAAGTGTATCGCACAGTGCGATT	TAATCGCACTGTGCGATACACTTGC
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	543		TAACGGAATGGTTCTGCGGAGGTAT
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4	0

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701 TAGCCACTCGACAGGGTTCCAAAGC TGCTTTGGAACCCTGTCGAG	rggct
702 TCAGGATGAGCAAAGCGACTCTCCA TTGGAGAGTCGCTTTGCTCAT	rcctg
703 TCAAGGTATGGTCTGGGGCCTAAGC TGCTTAGGCCCCAGACCATAG	CCTTG
704 TGGTGTTCGGCCTAAACTCTTTCGG TCCGAAAGAGTTTAGGCCGA	ACACC
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731	TTCCGAGCTTGACGTTCGCGACGTC	TGACGTCGCGAACGTCAAGCTCGGA
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783	TGTTTCATAGGCCACGCGTGCTAAA	TTTTAGCACGCGTGGCCTATGAAAC
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